

Fig.1

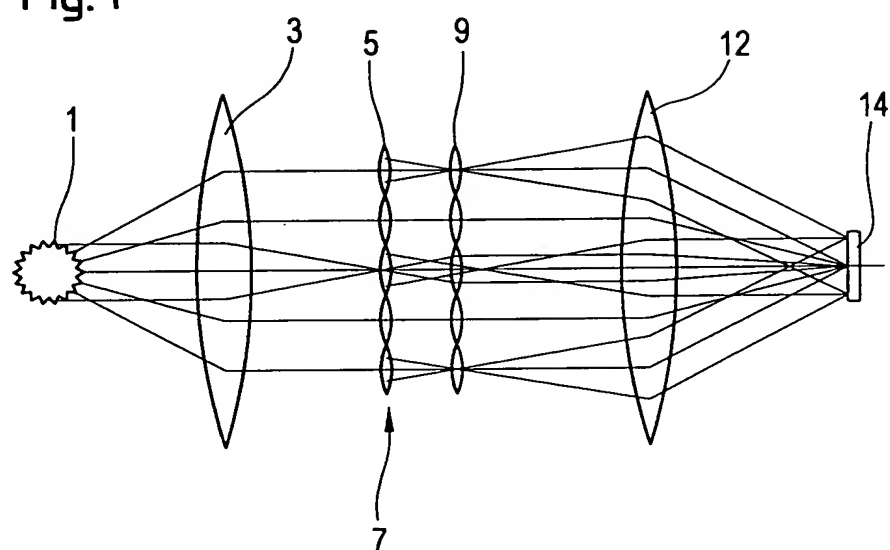


Fig. 2a

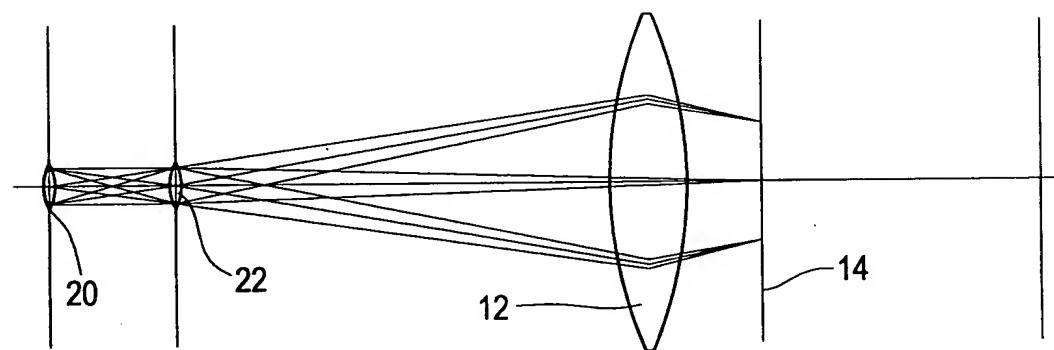
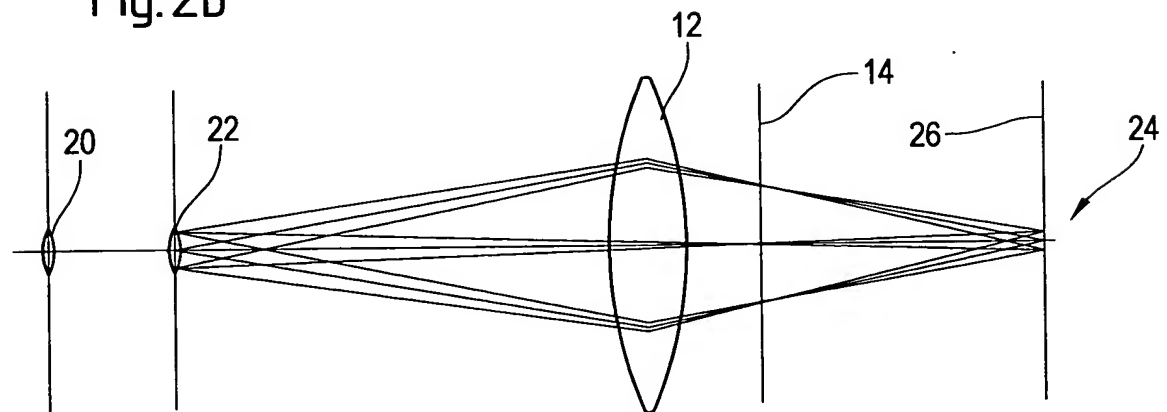


Fig. 2b



204909 074909 10090470 030402

Fig.3

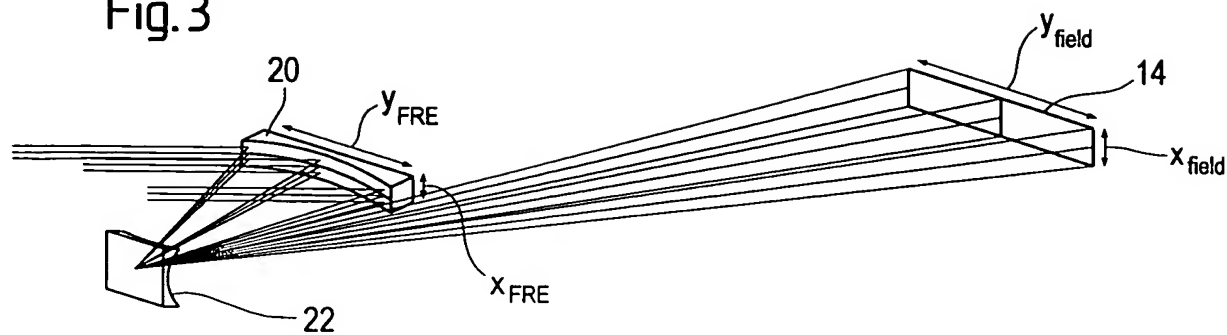


Fig.4

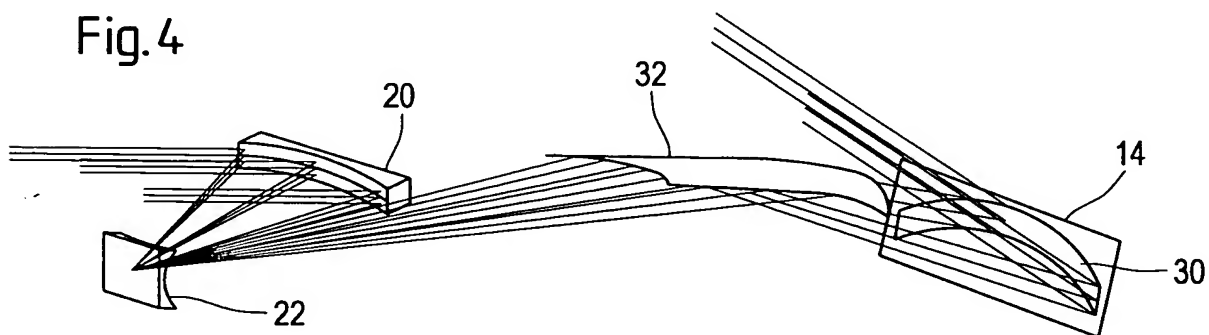


Fig.5

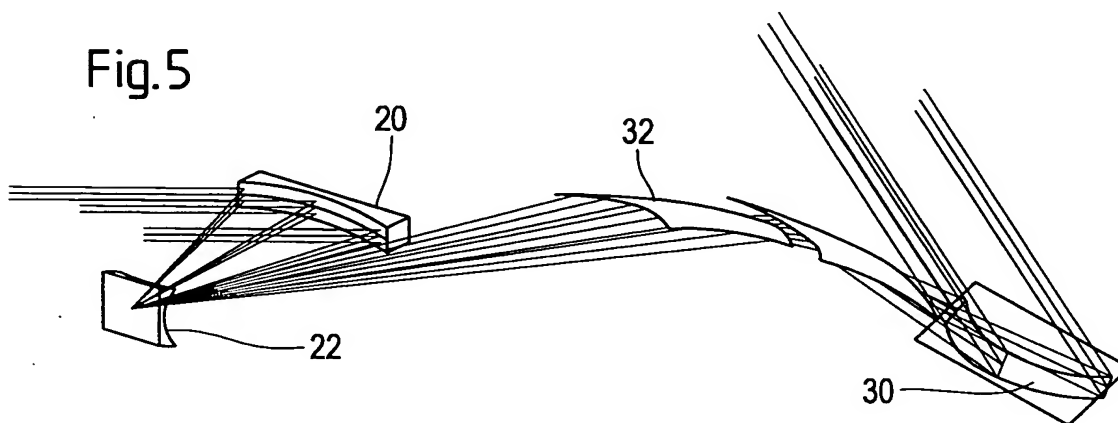
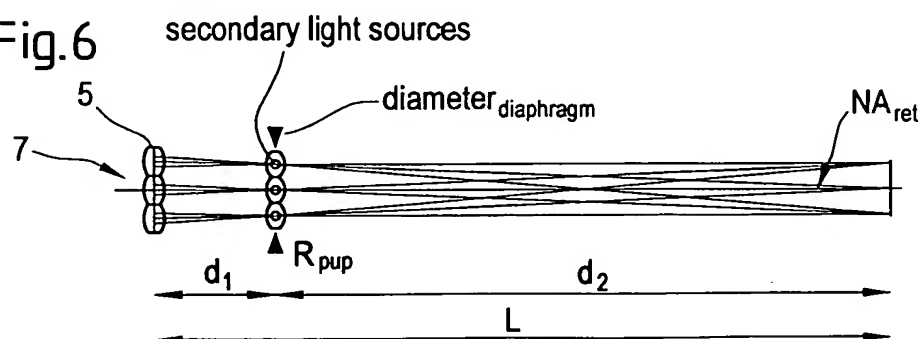


Fig.6



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Fig. 7

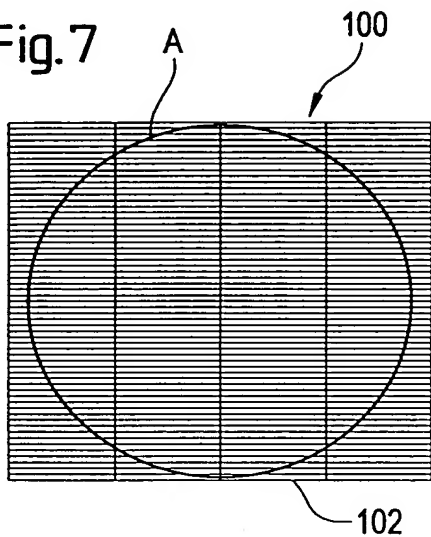


Fig. 8

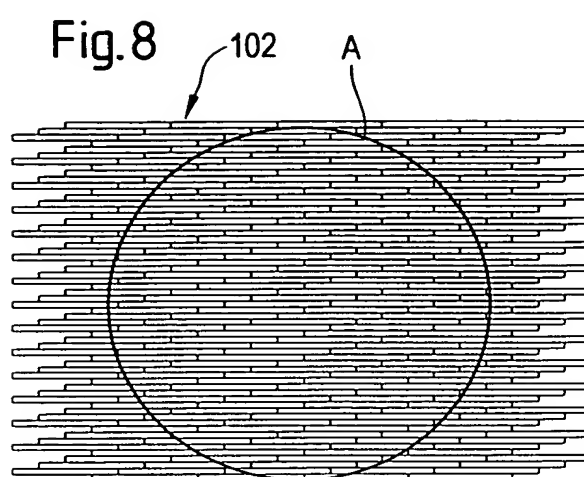


Fig. 9

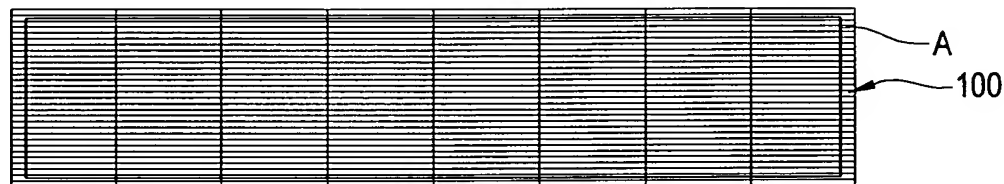


Fig. 10

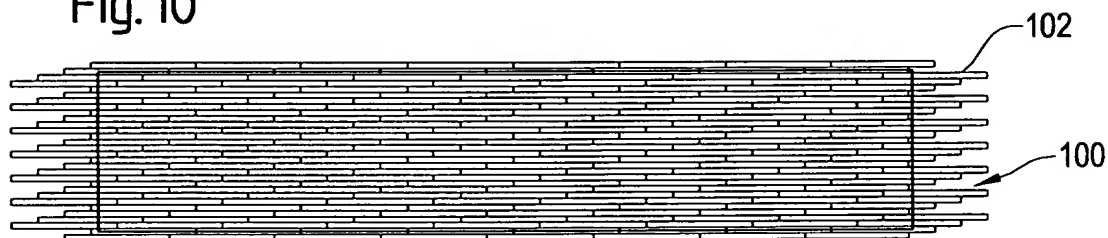


Fig. 11

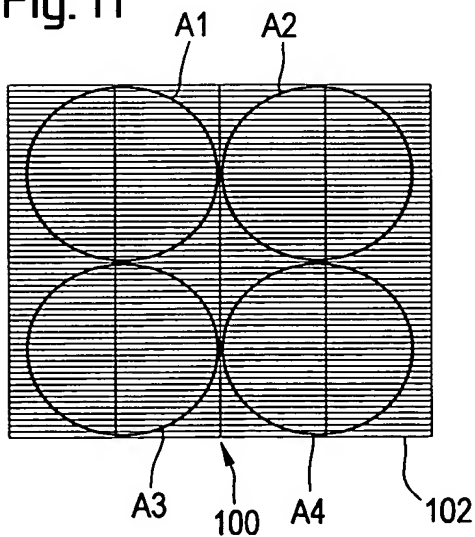
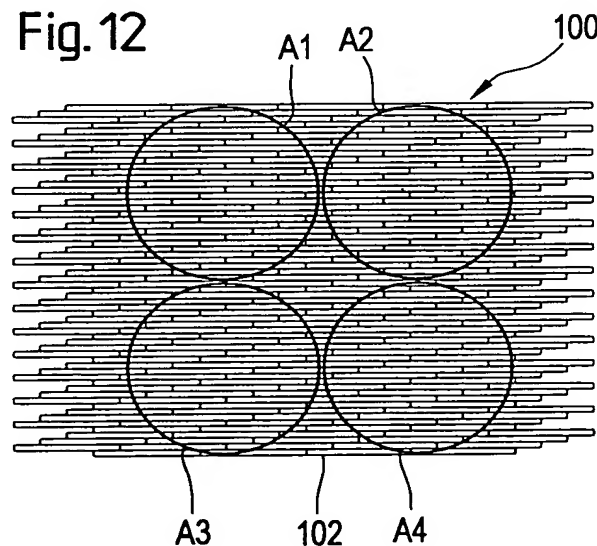


Fig. 12



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Fig. 13

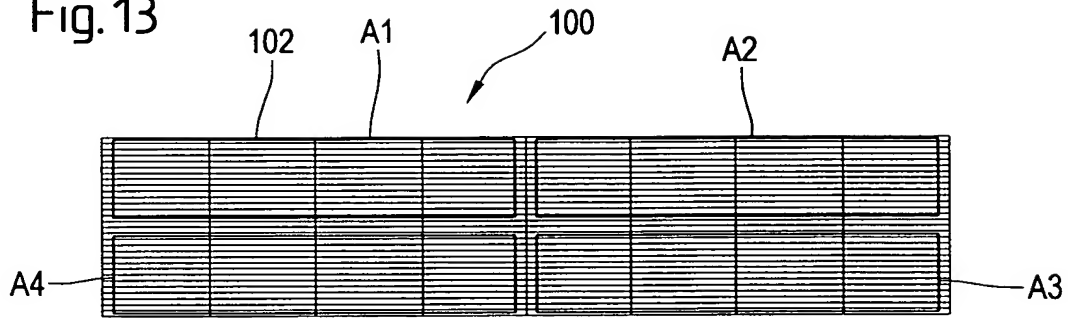


Fig. 14

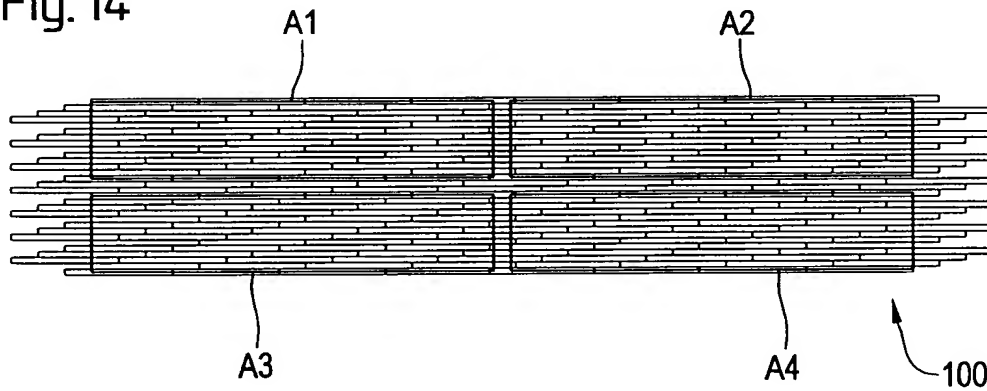


Fig. 15

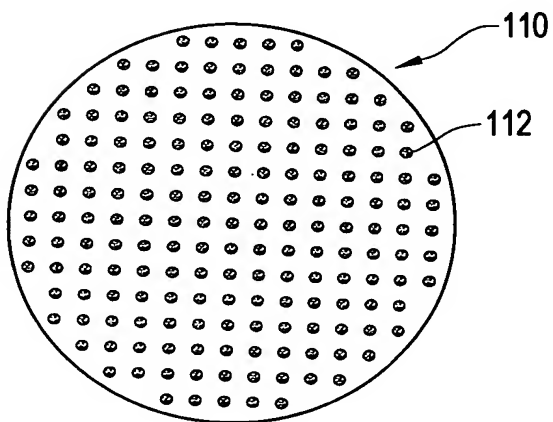


Fig. 16

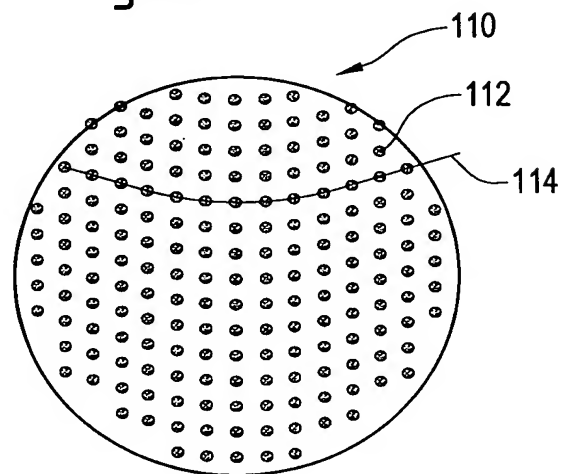


Fig.17

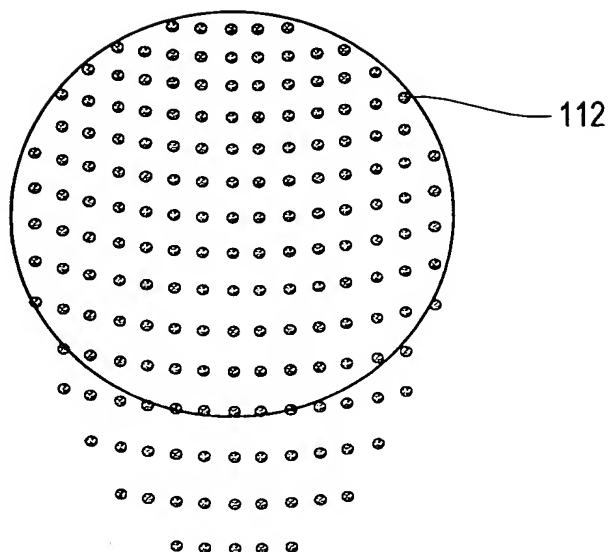


Fig.18

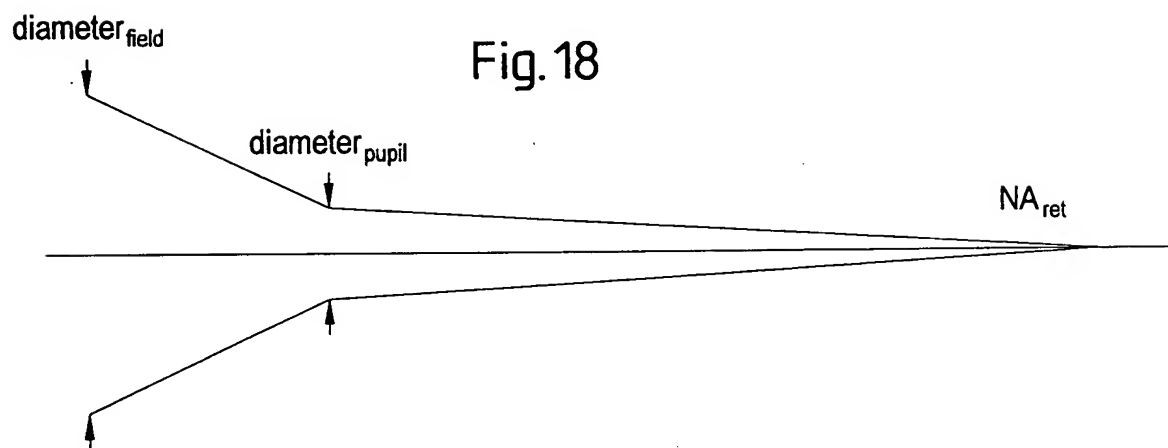
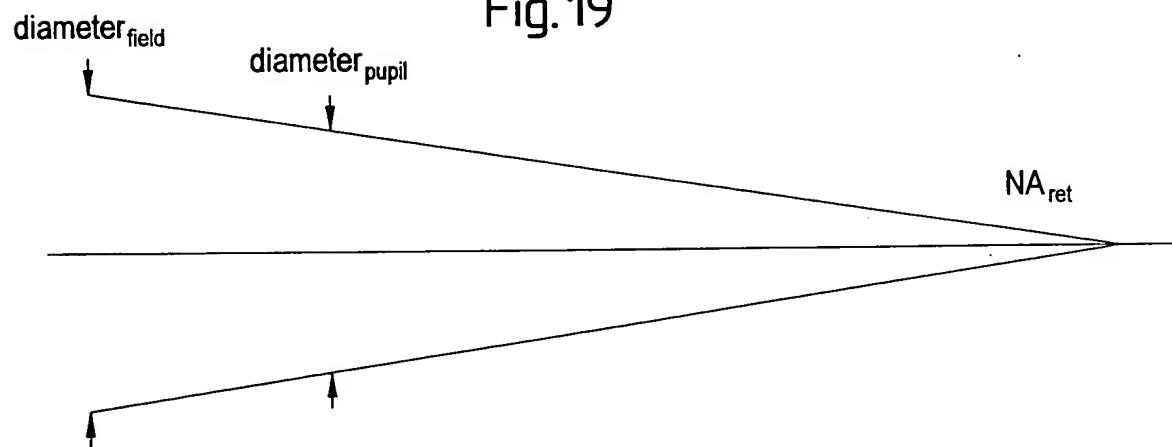


Fig.19



10050470-030402

Fig. 20

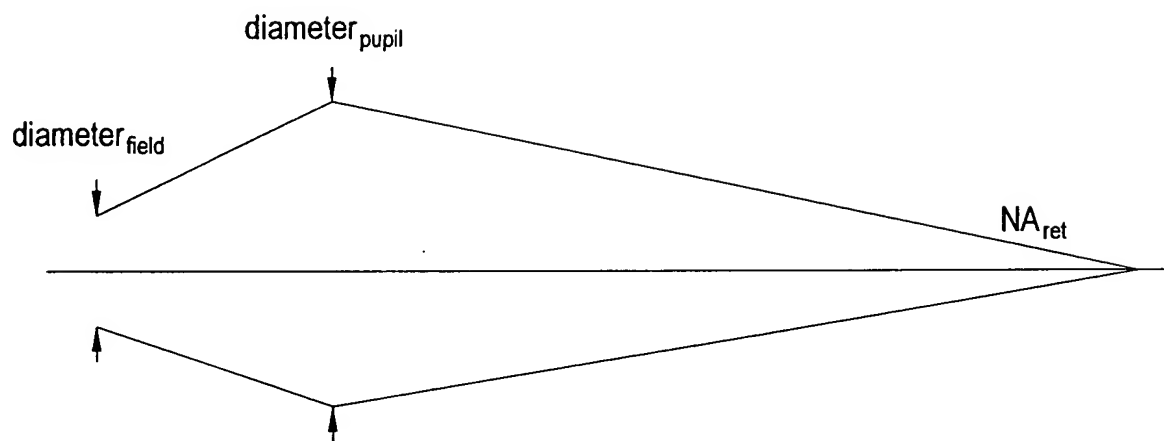


Fig. 21a

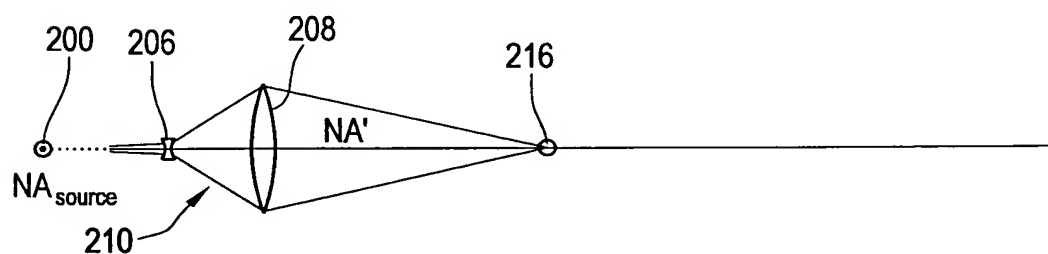
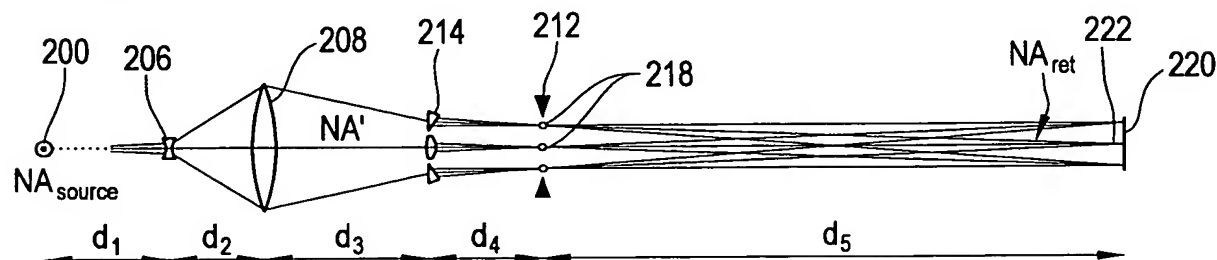


Fig. 21b



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Fig. 22a

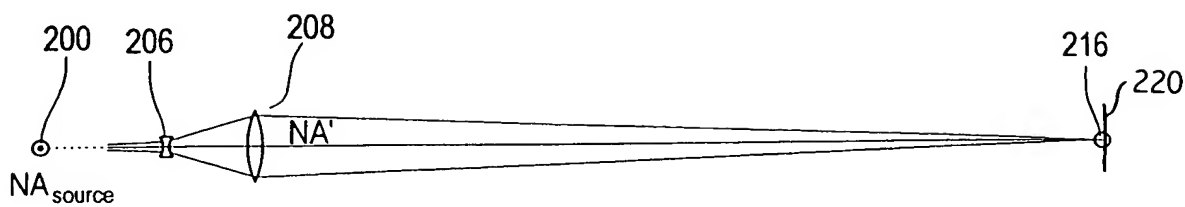


Fig. 22b

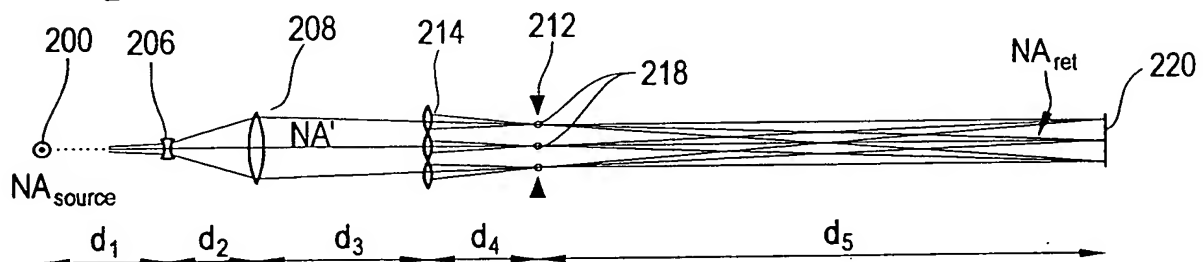


Fig. 23a

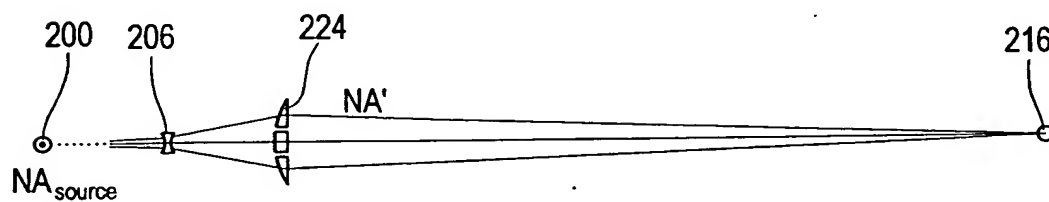
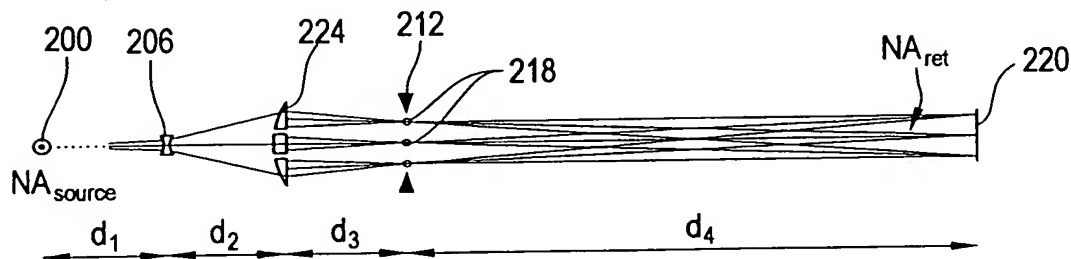


Fig. 23b



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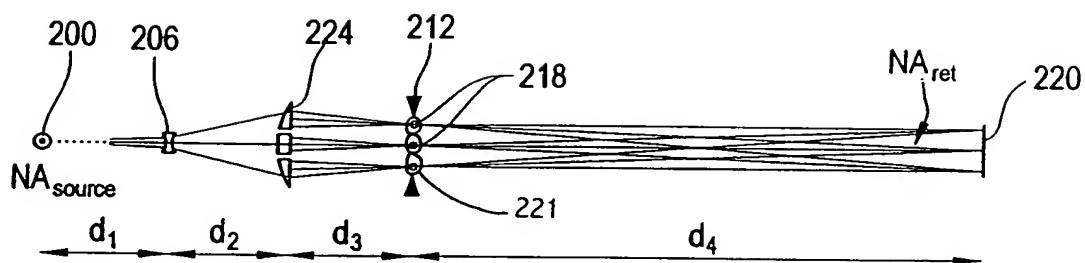


Fig. 23c

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Fig.24

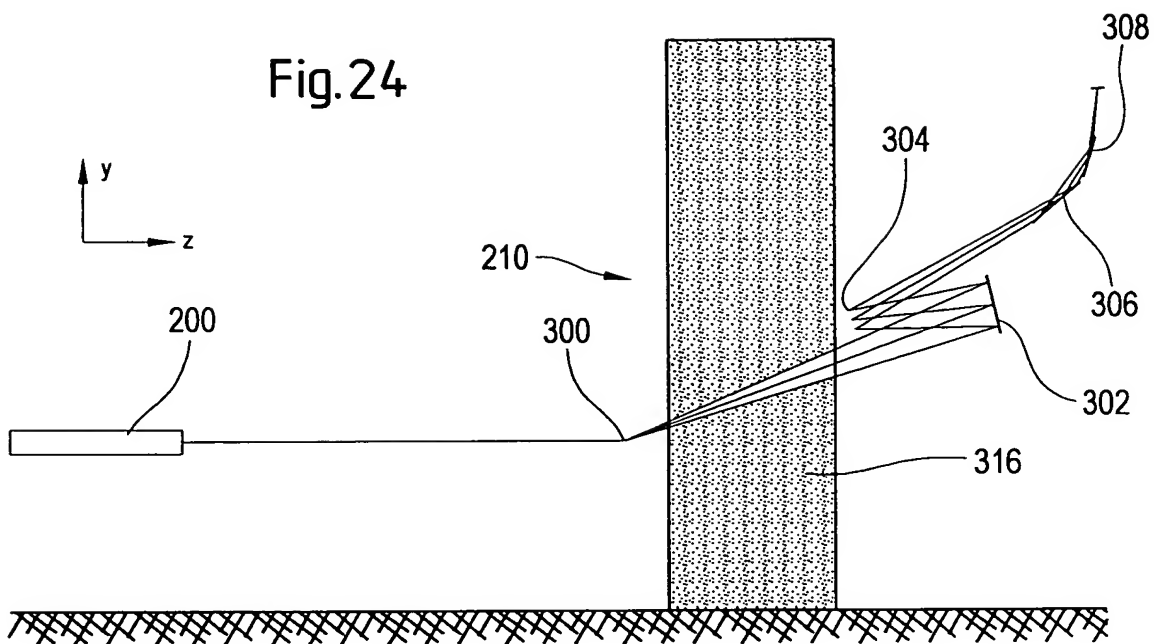
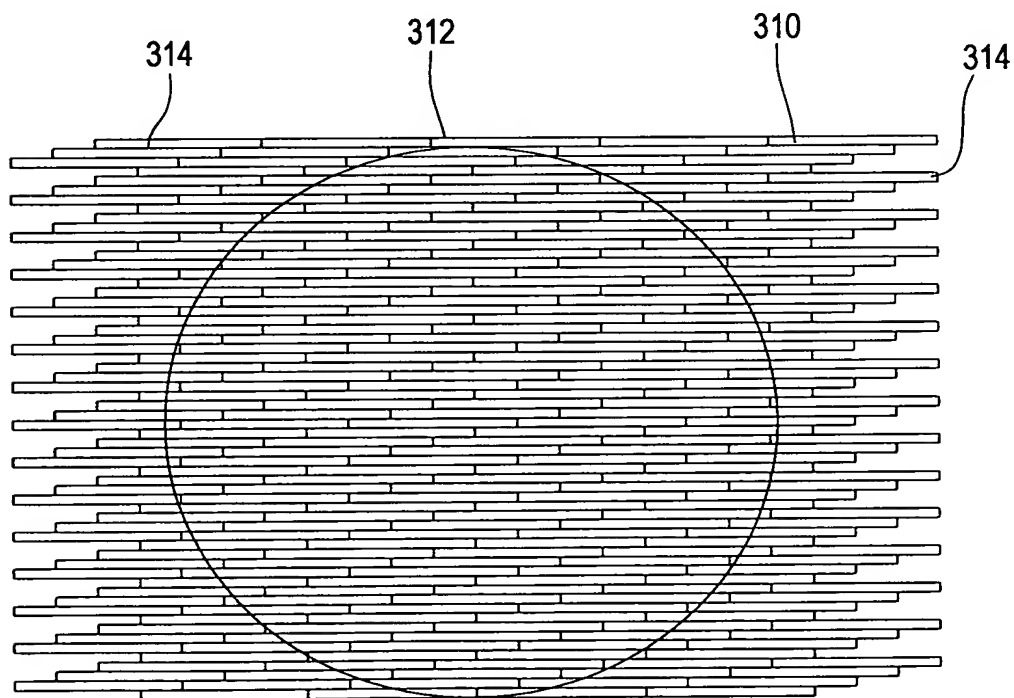


Fig.25



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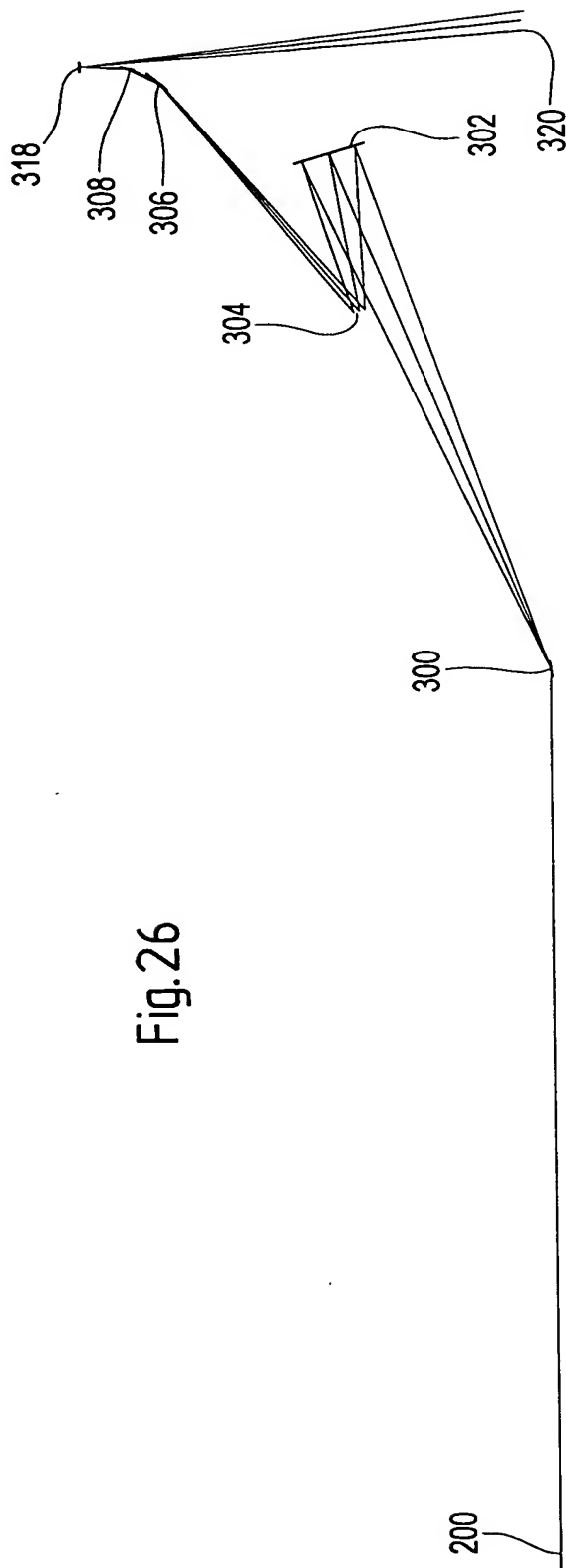
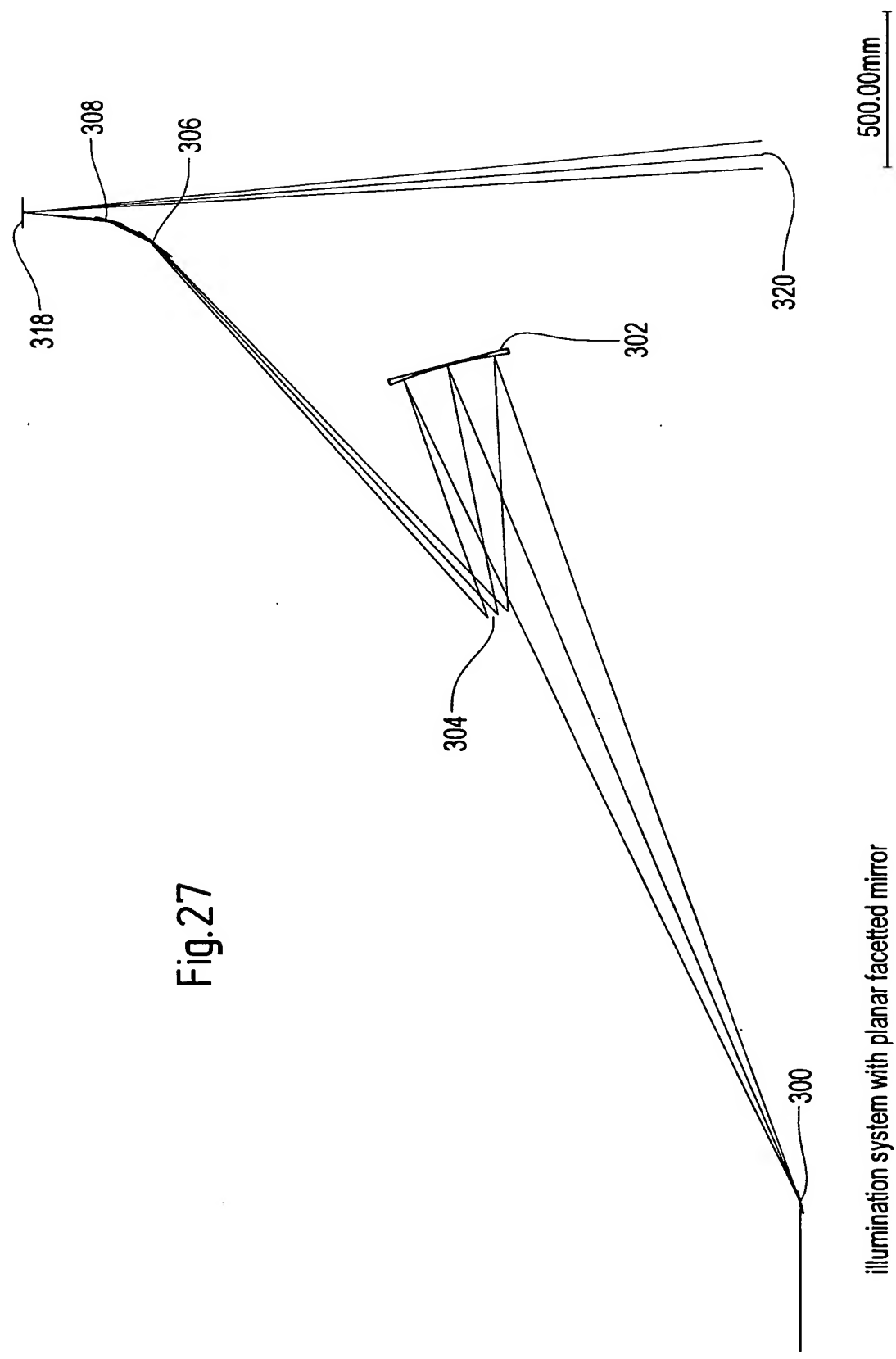


Fig. 26

illumination system with planar faceted mirror

Fig.27

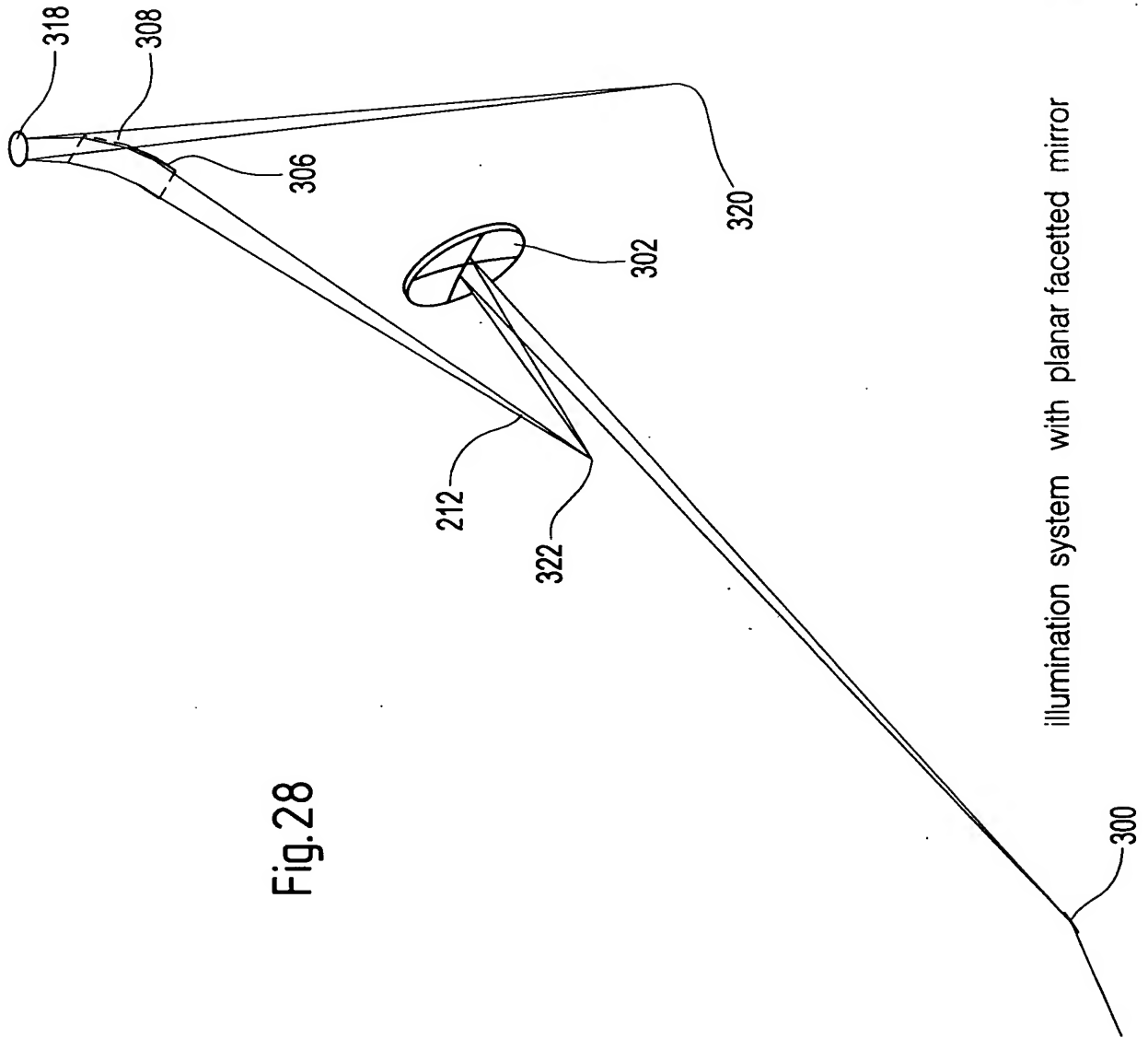


illumination system with planar faceted mirror

204060" 02406001

204050 " 0/40500T

Fig.28



2044050" 0240500T

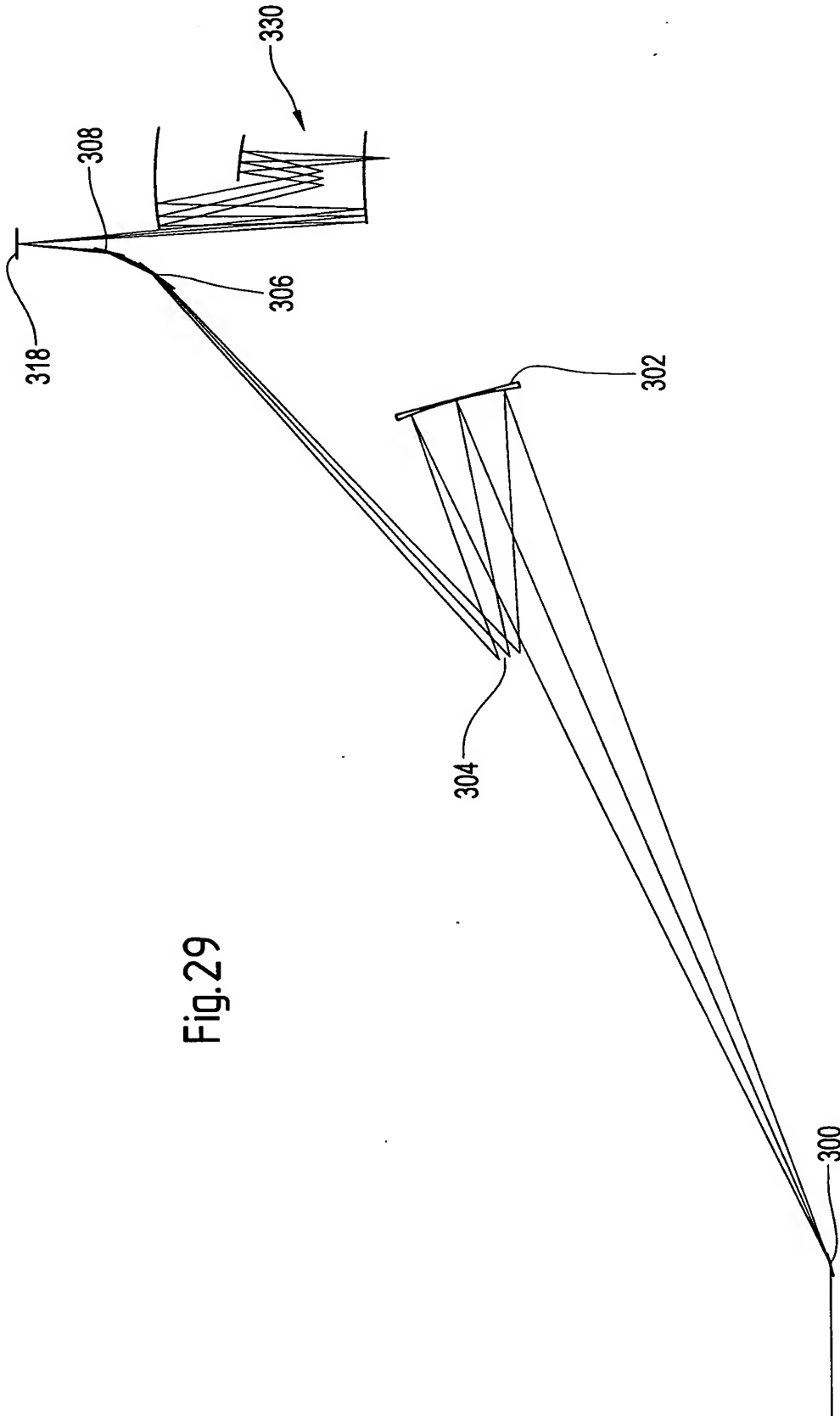


Fig. 29

illumination system with planar faceted mirror

204050-02405001

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Fig.30

illumination of the reticle with planar faceted mirror

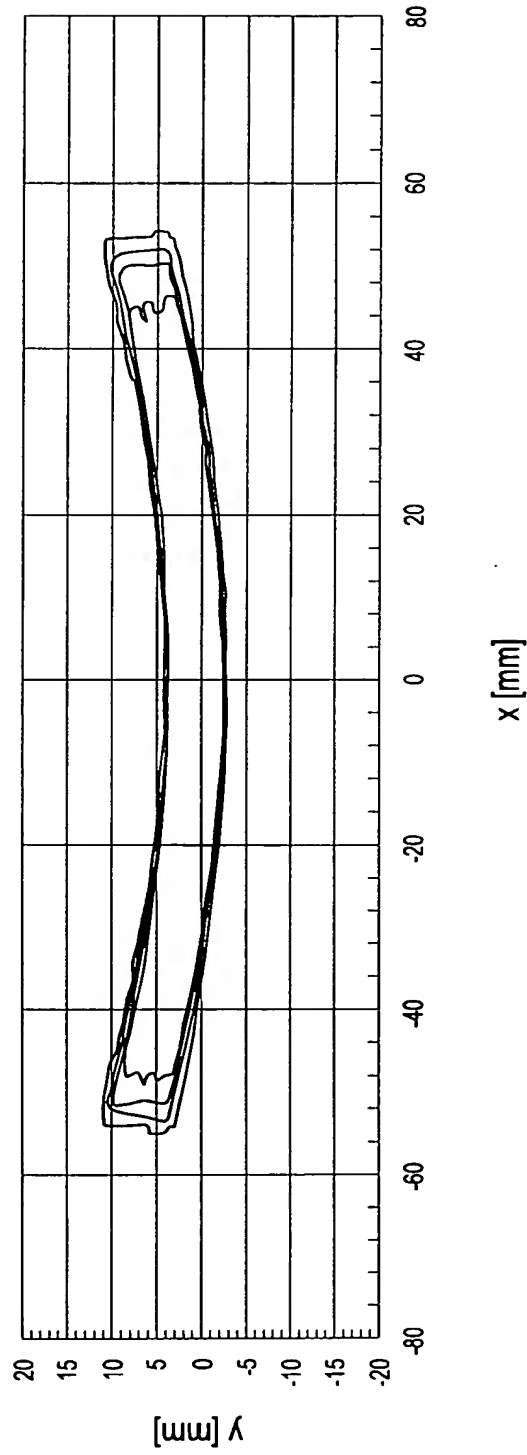


Fig.31

intensity in scanning direction

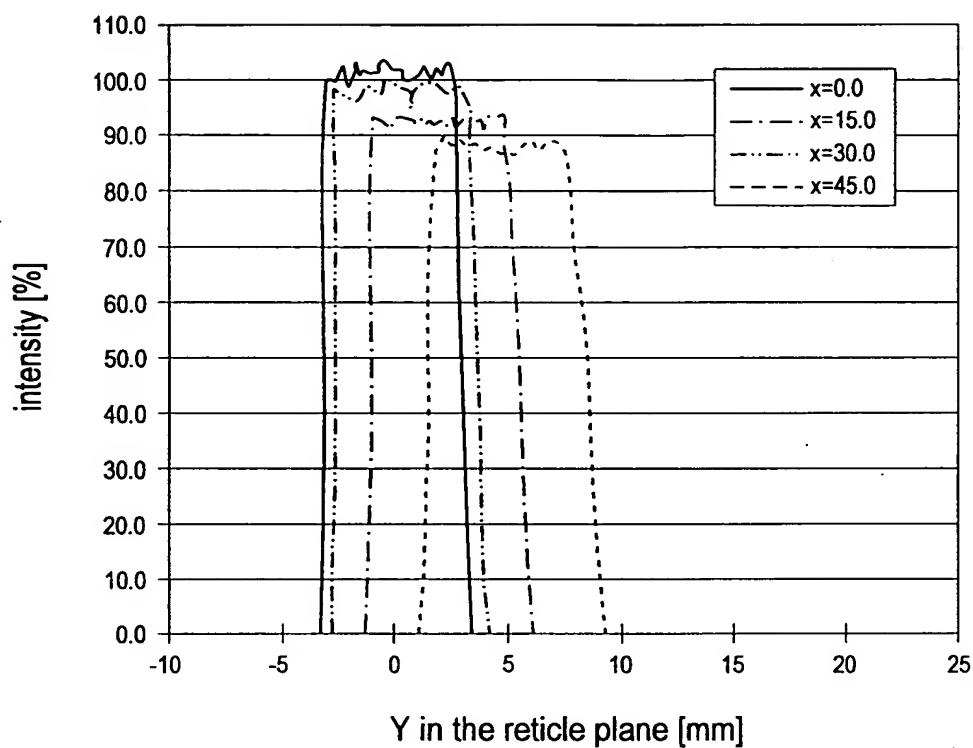
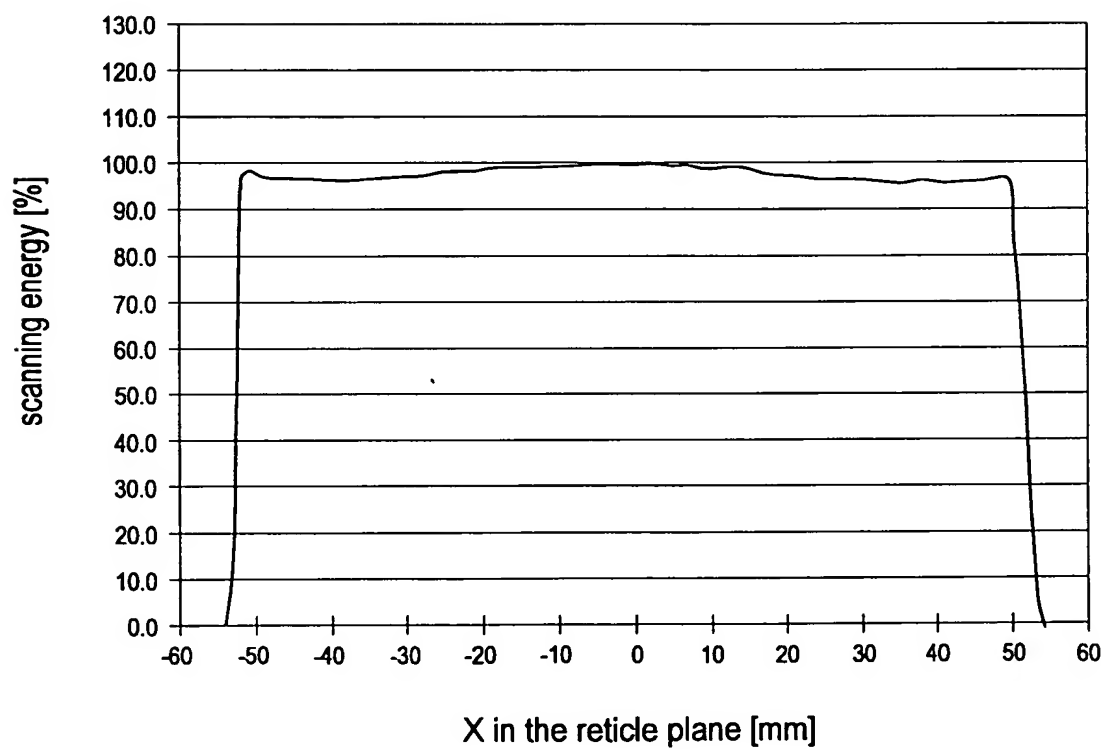


Fig.32

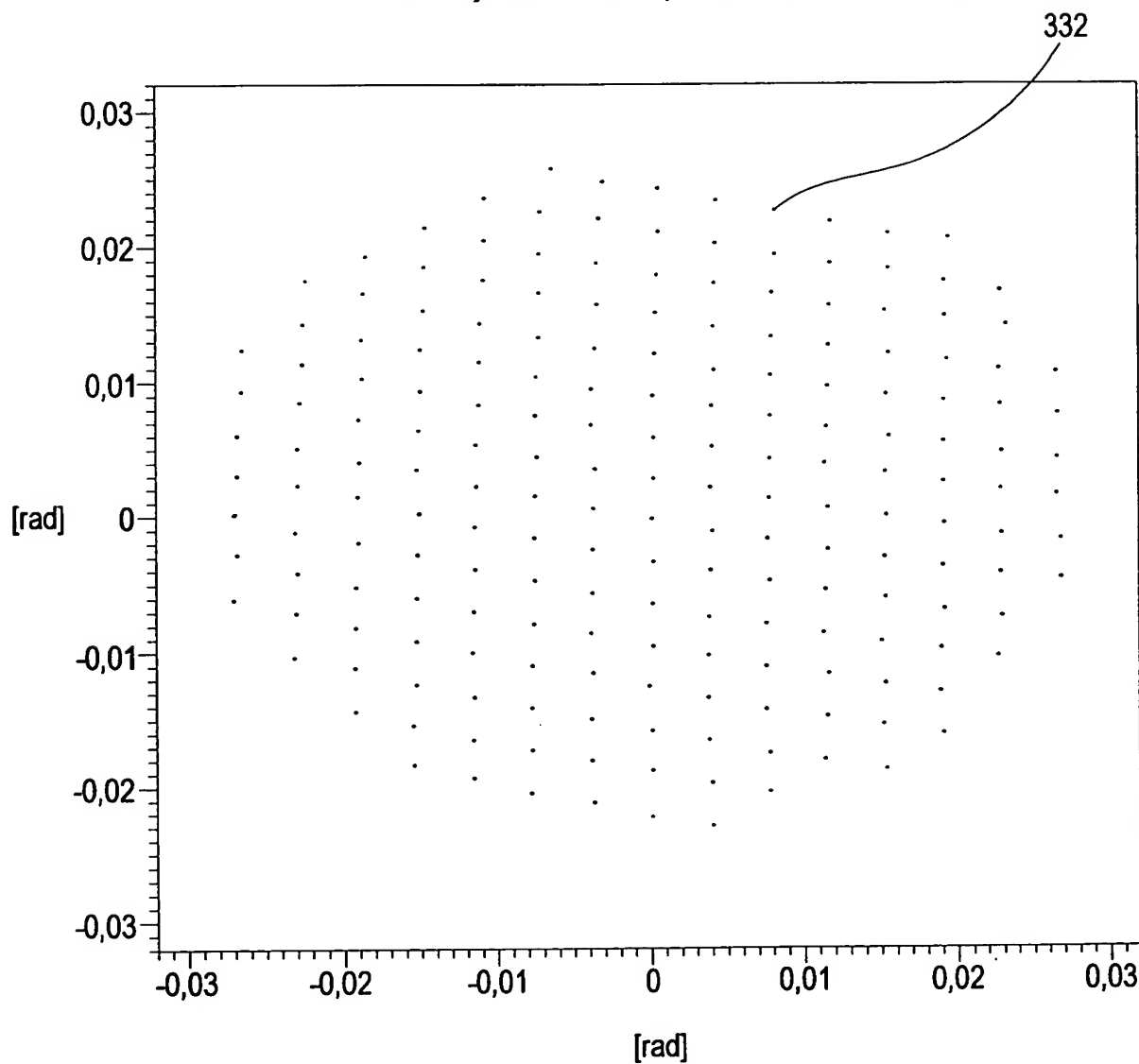
integral scan energy in the reticle plane



204050 07405001

Fig.33

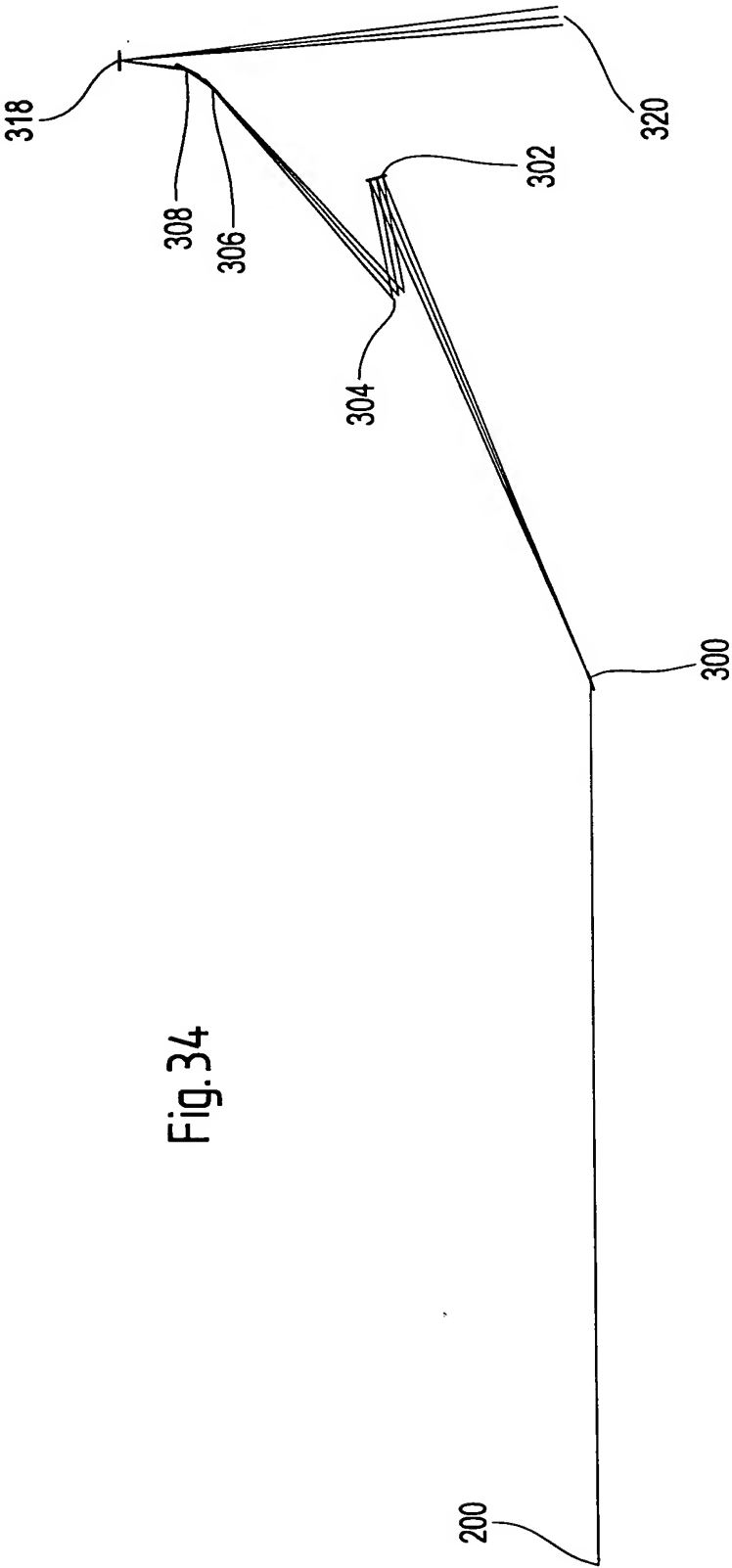
illumination system with planar faceted mirror



2040E0' 0240600T

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Fig. 34



facetted mirror in a convergent beam path

204022-02405001

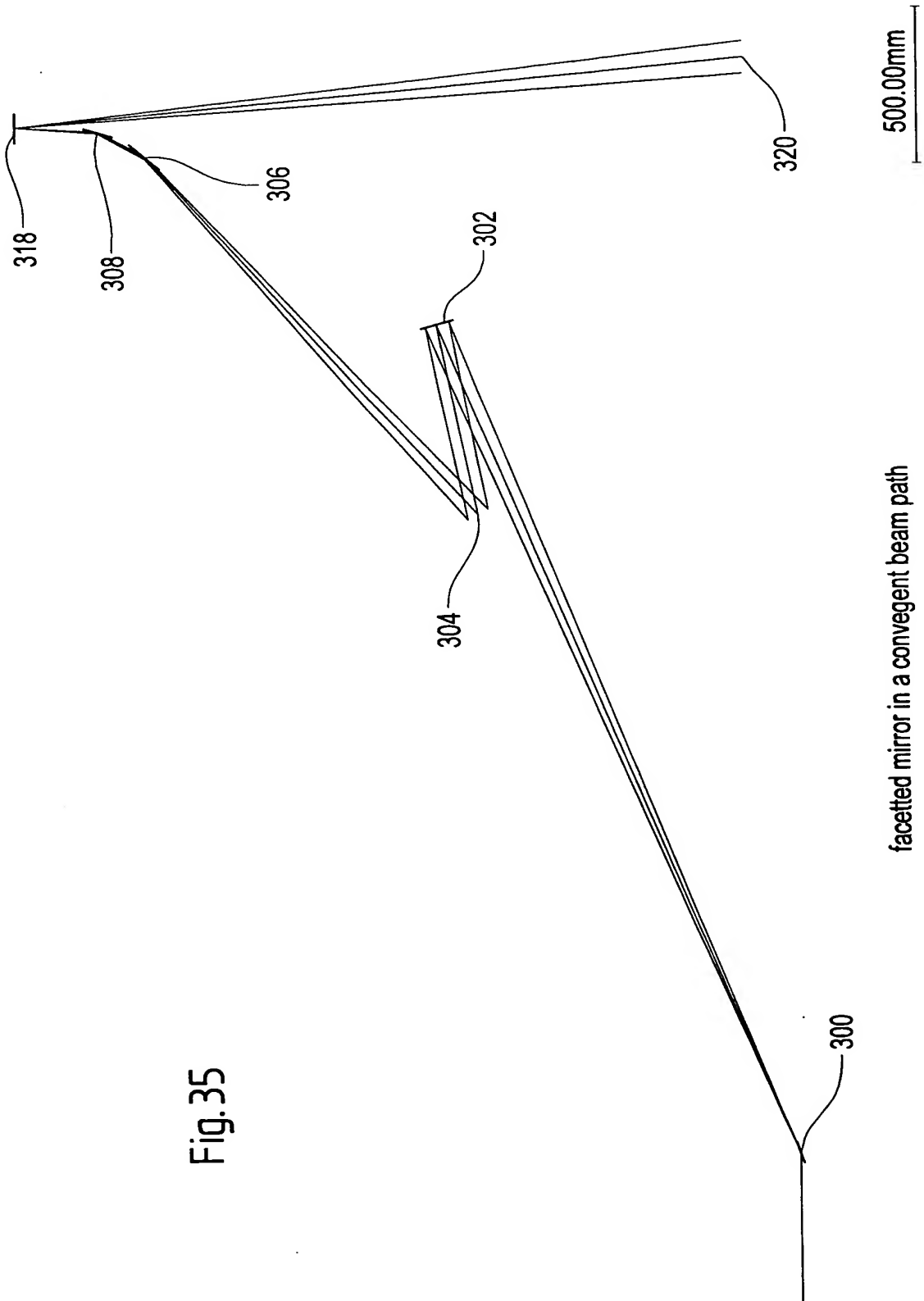


Fig. 35

faceted mirror in a convergent beam path

2044020" 02405001

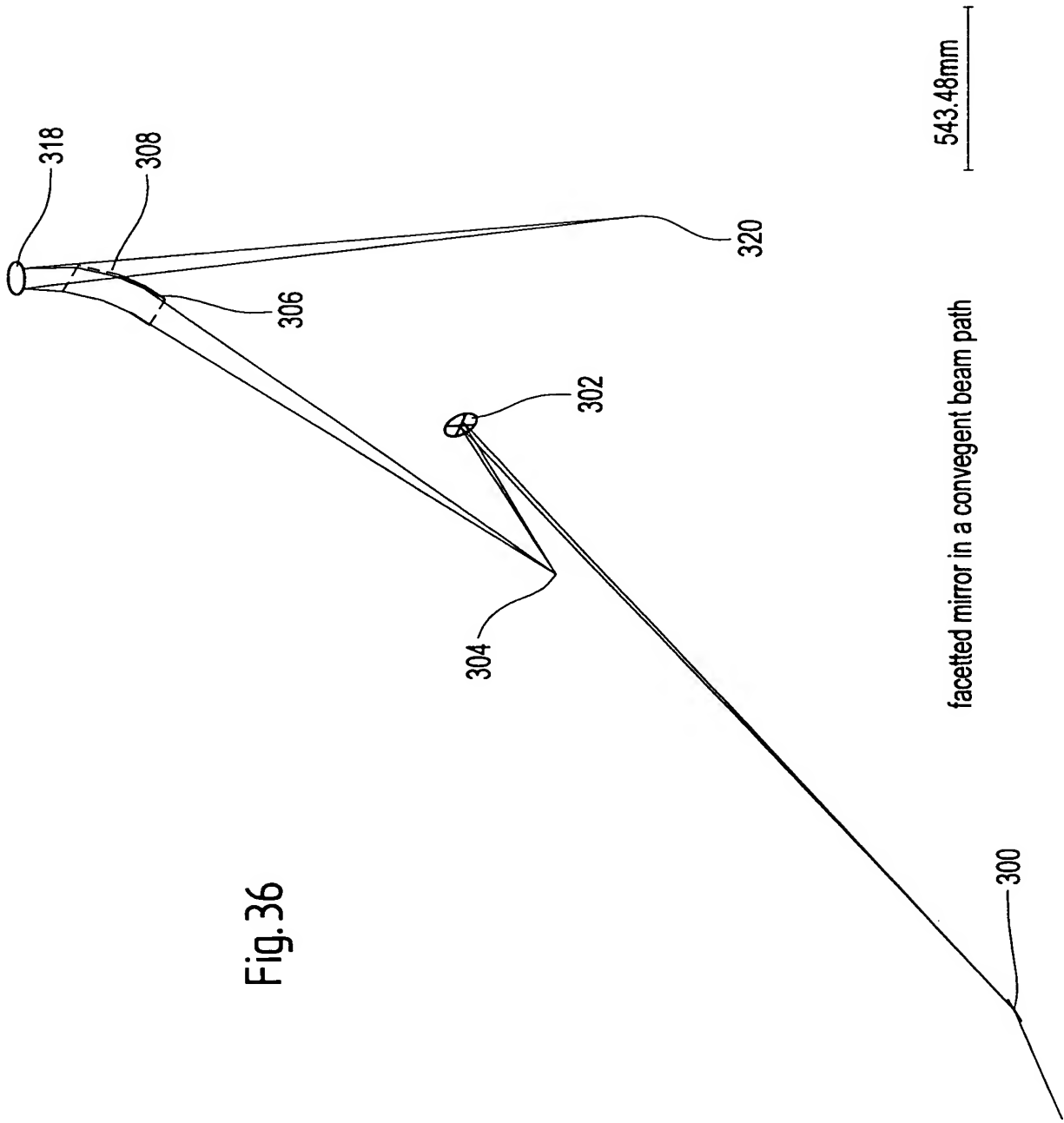


Fig.36

faceted mirror in a convergent beam path

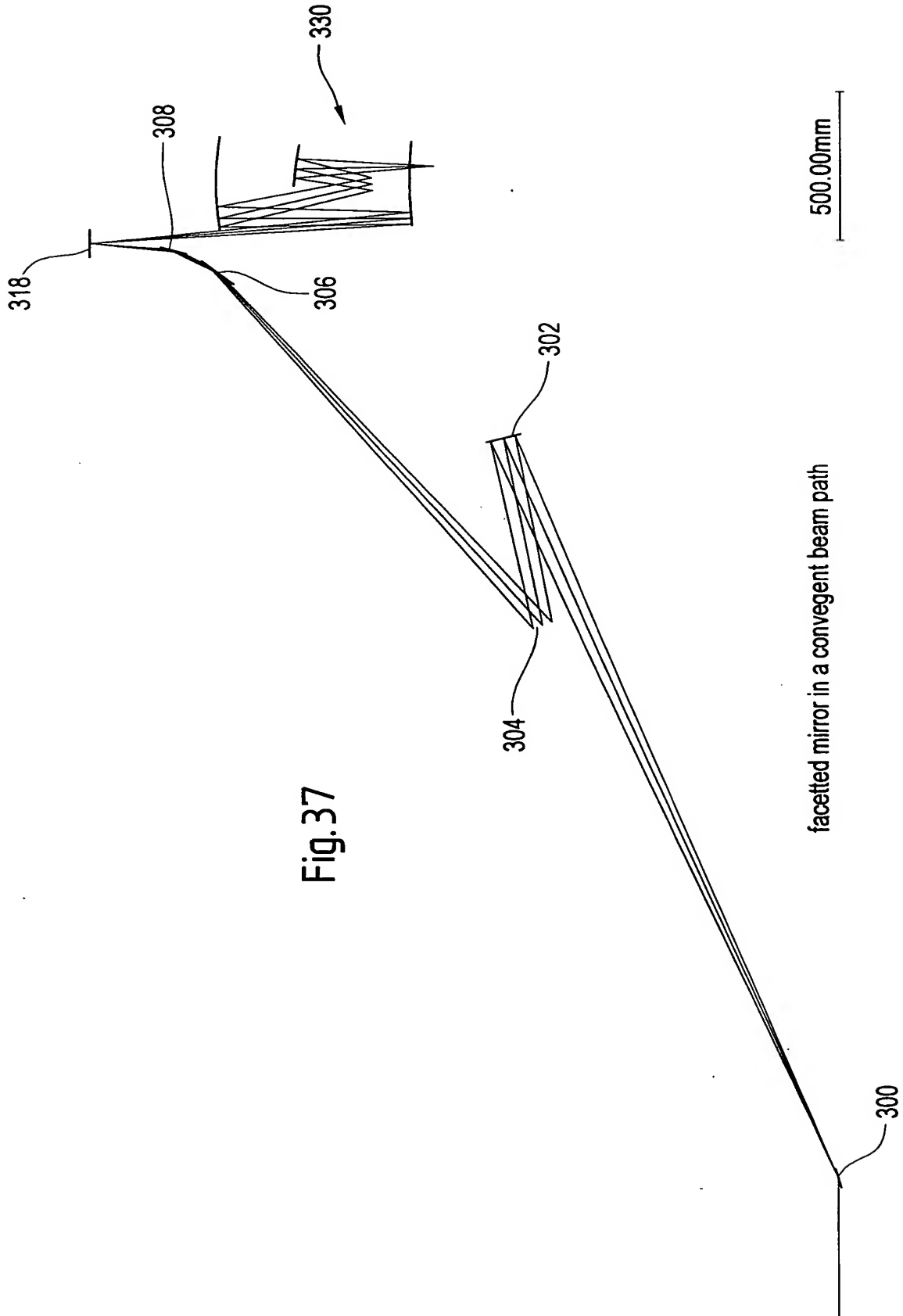


Fig.38

illumination of the reticle with facettted mirror in the convergent beam path

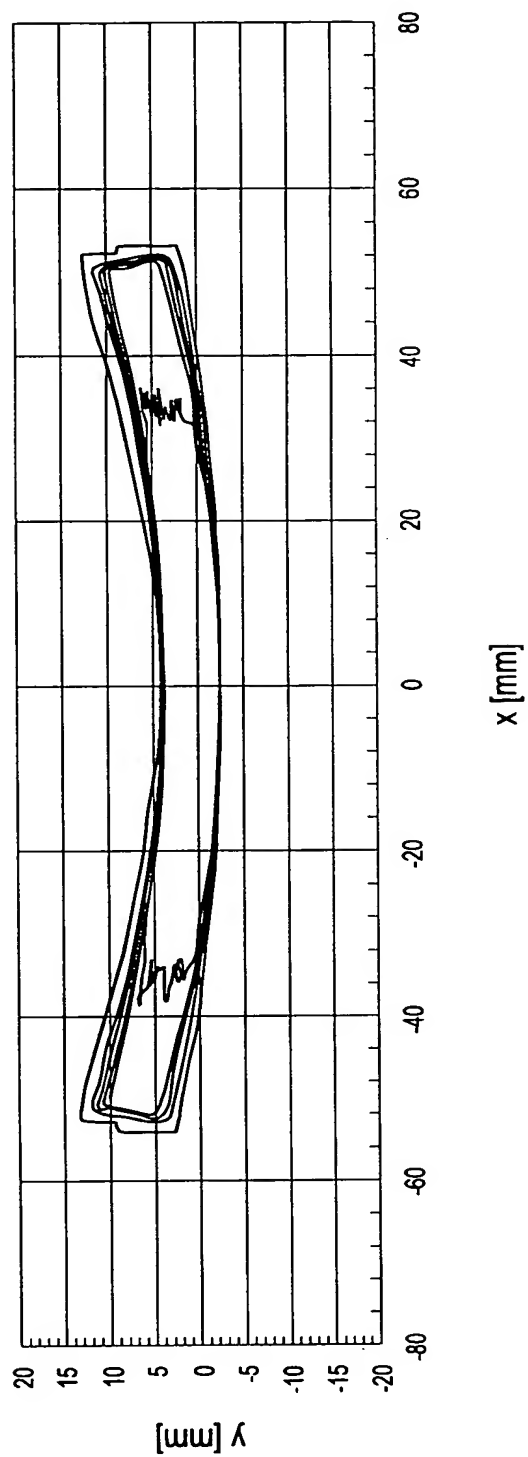


Fig.39

intensity in scanning direction
with facettted mirror in a convegent beam path

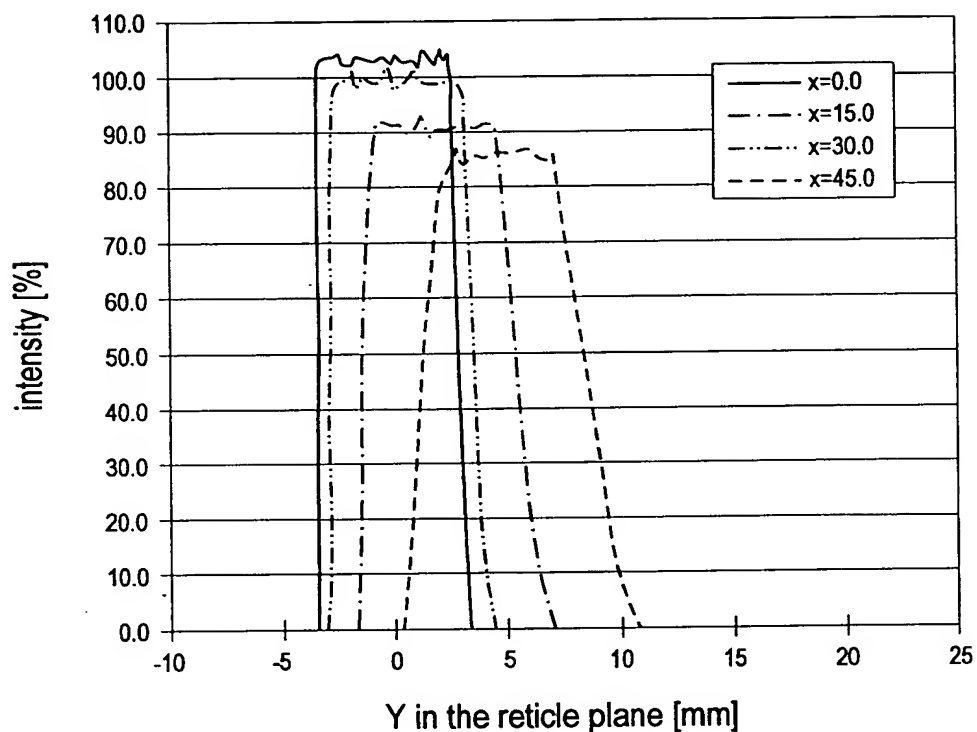


Fig.40

integral scanning energy in the reticle plane
with facettted mirror in a convegent beam path
with a field mirror for a 30°-field Undulator-source

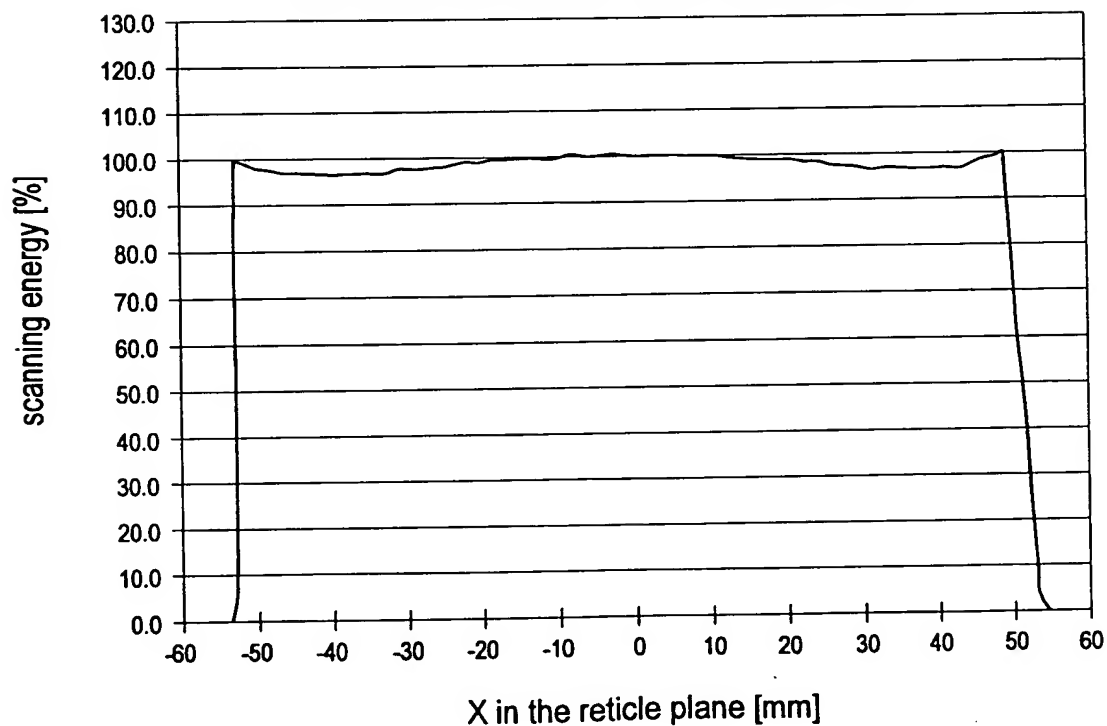
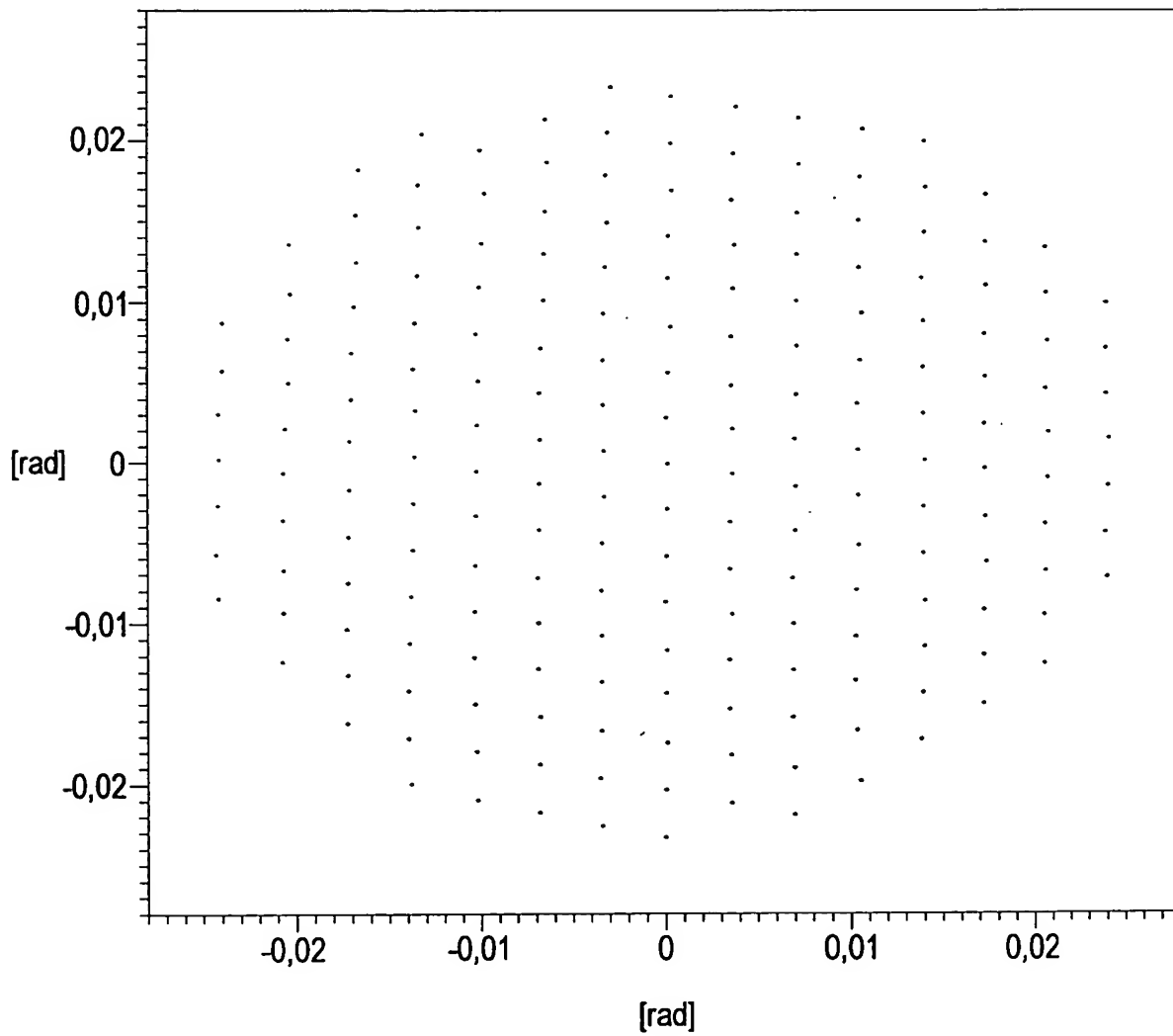


Fig.41



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Fig.42

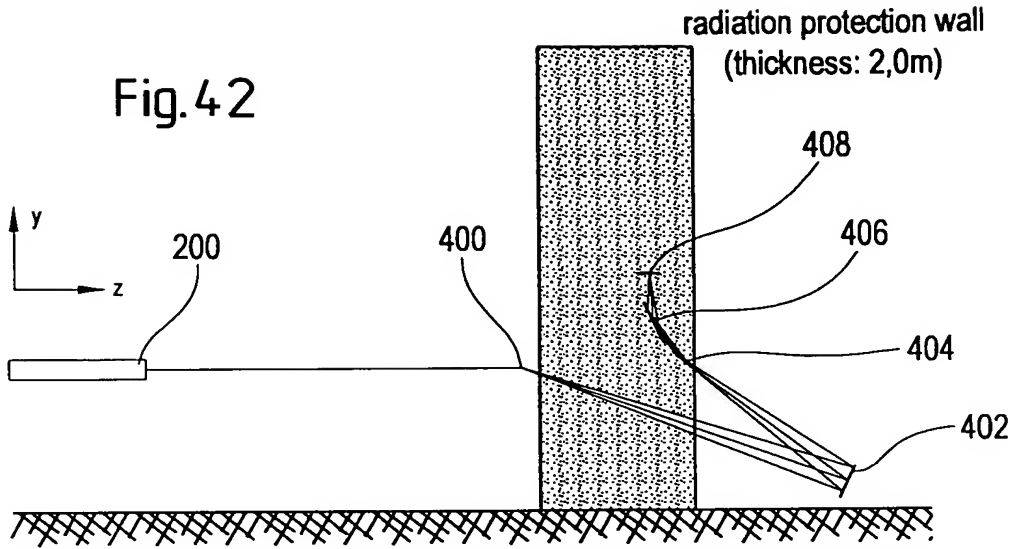


Fig.43

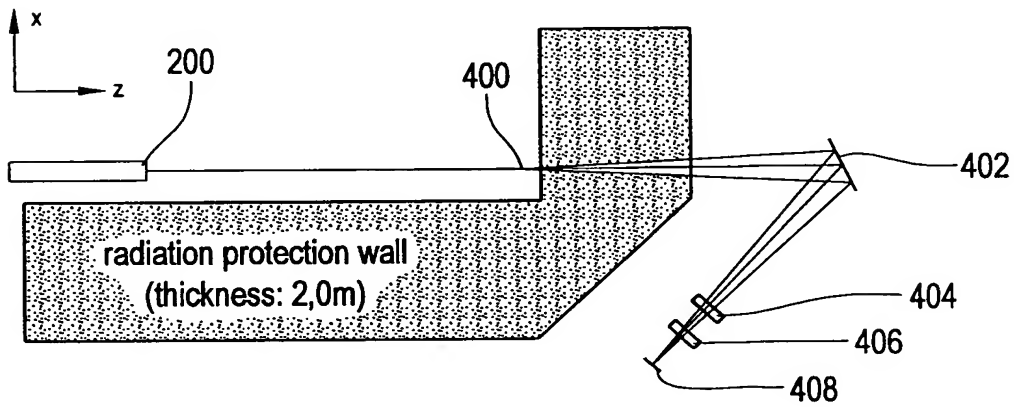
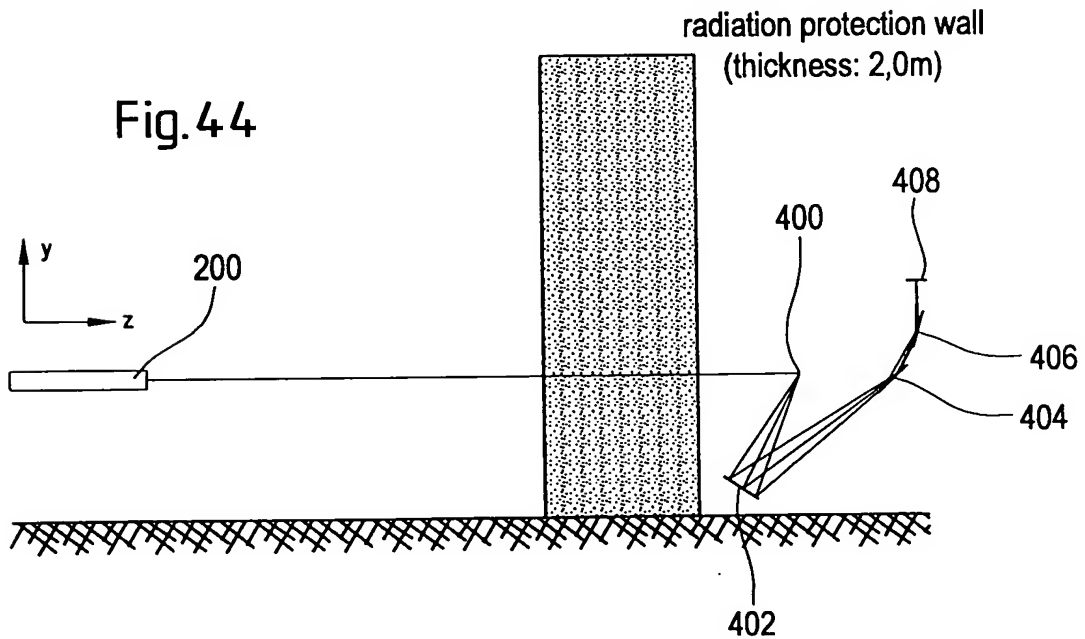


Fig.44



2044020 " 07406001

2040ED 0240500T

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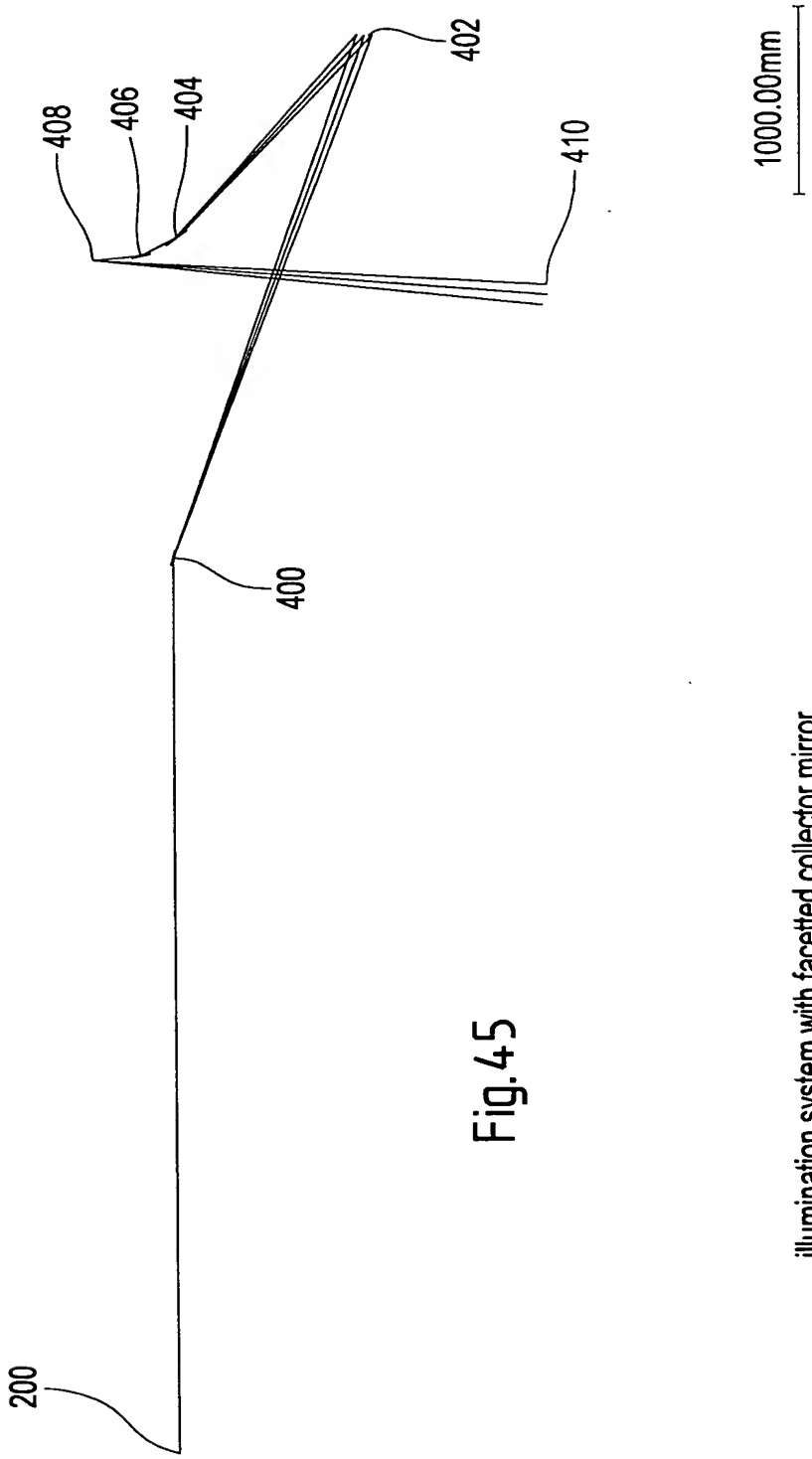
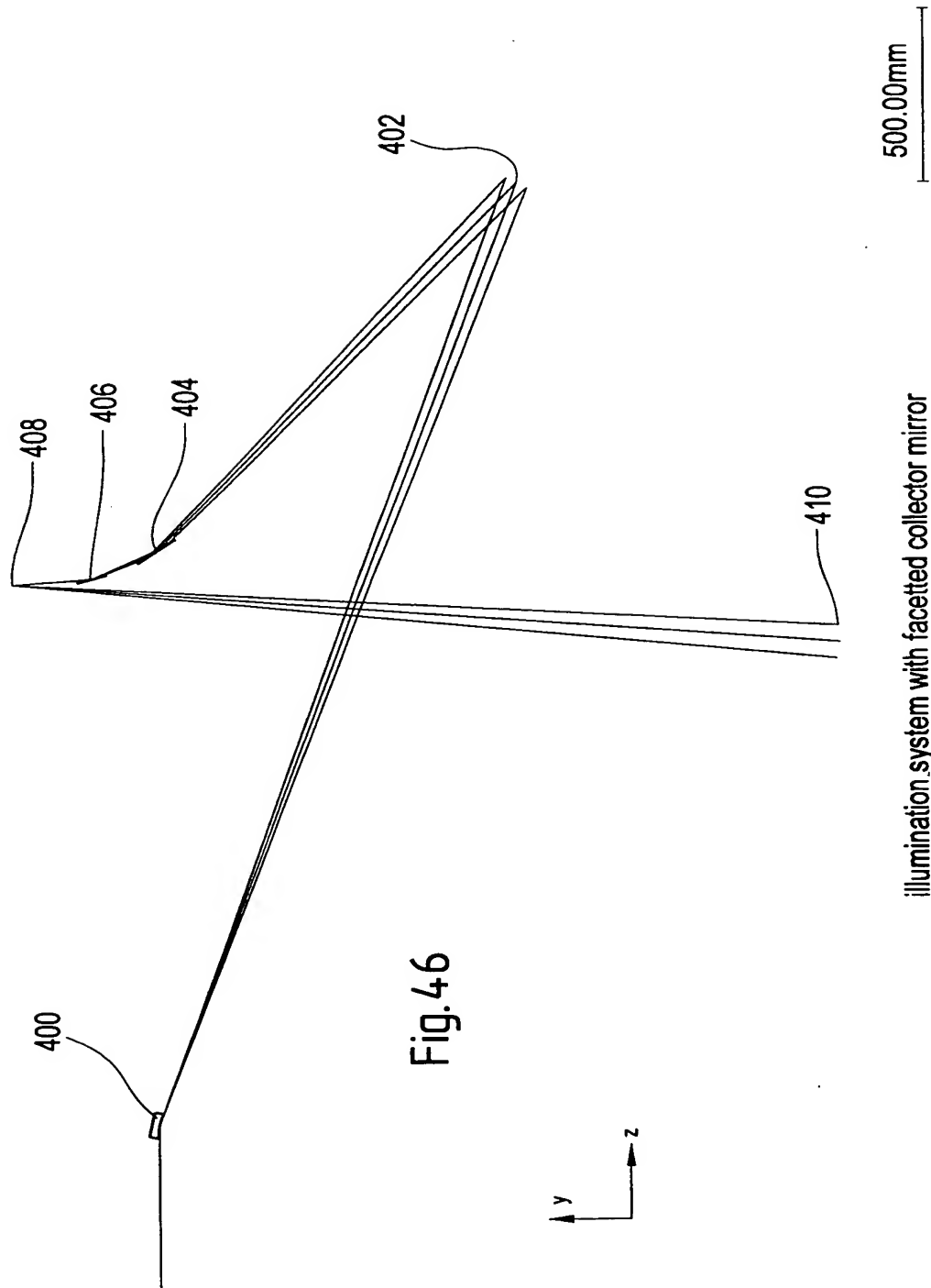


Fig. 45

illumination system with faceted collector mirror

2044050 " 024405001



204069 02406001

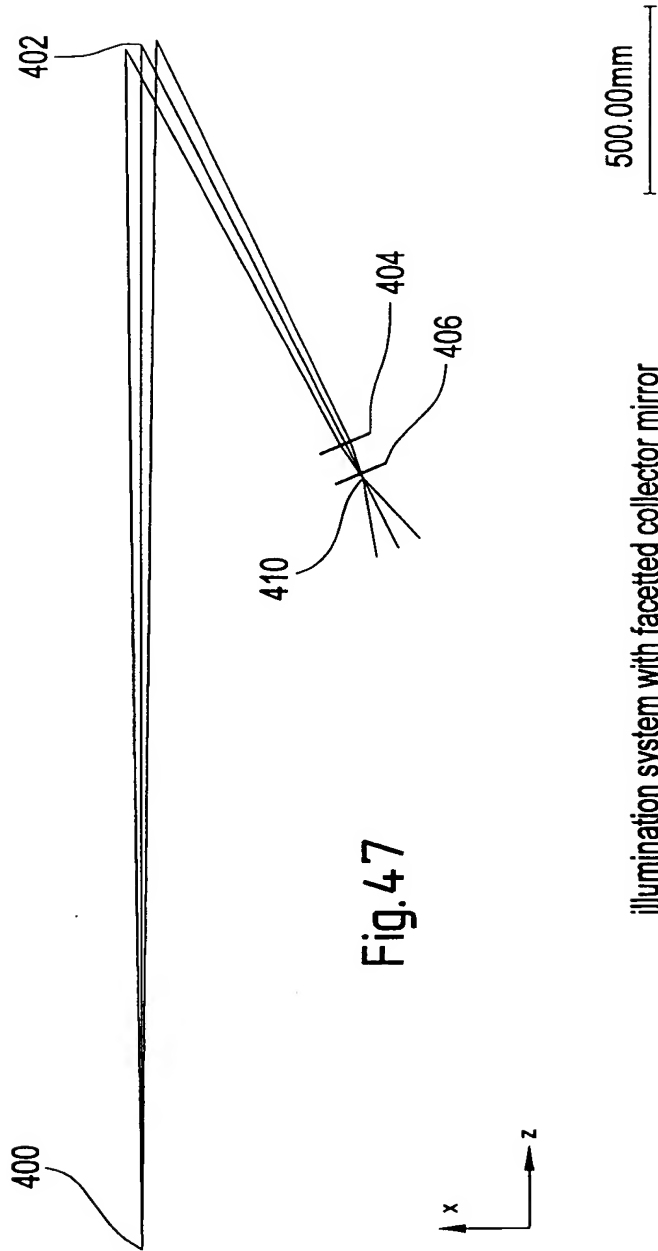


Fig. 47

illumination system with faceted collector mirror

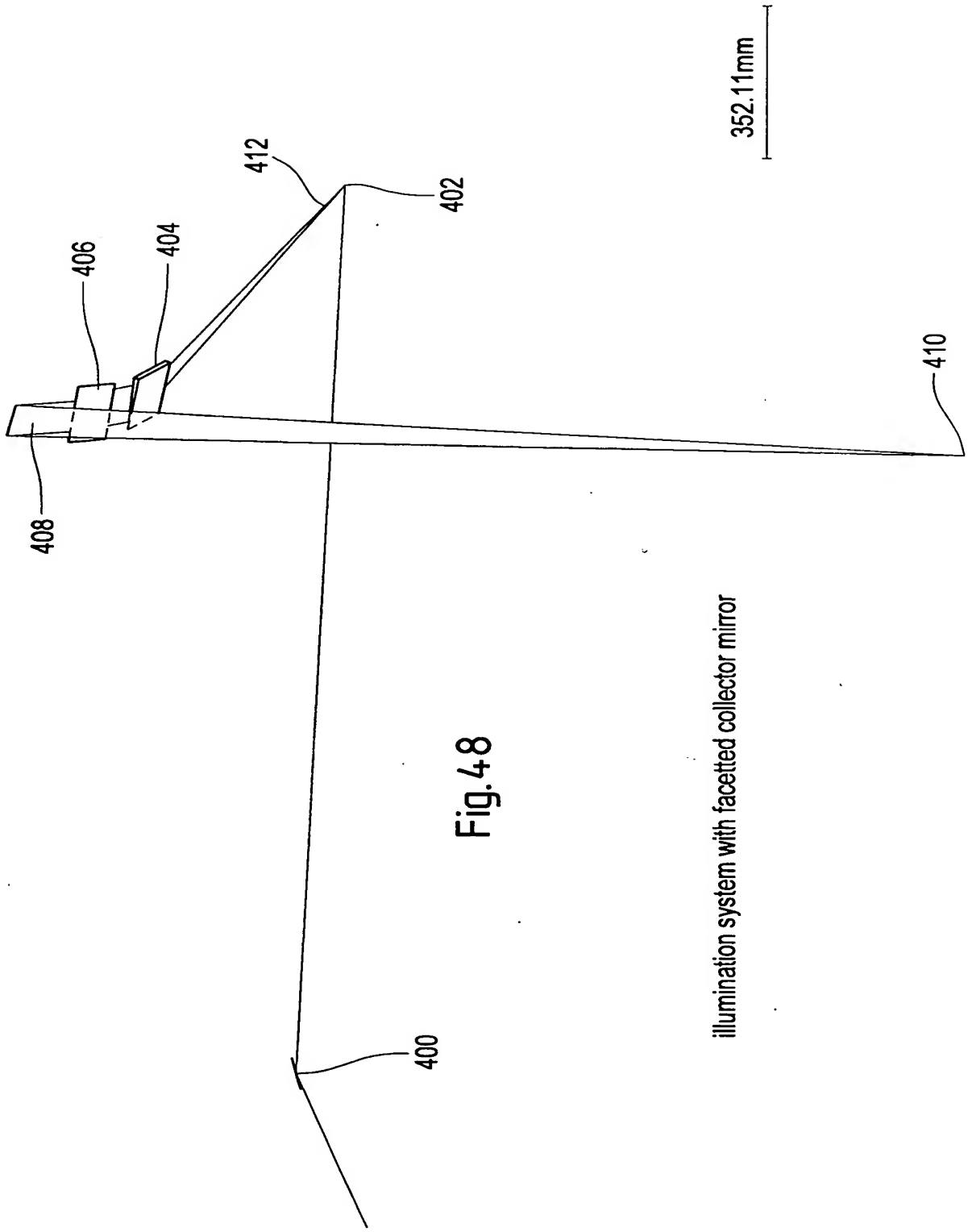
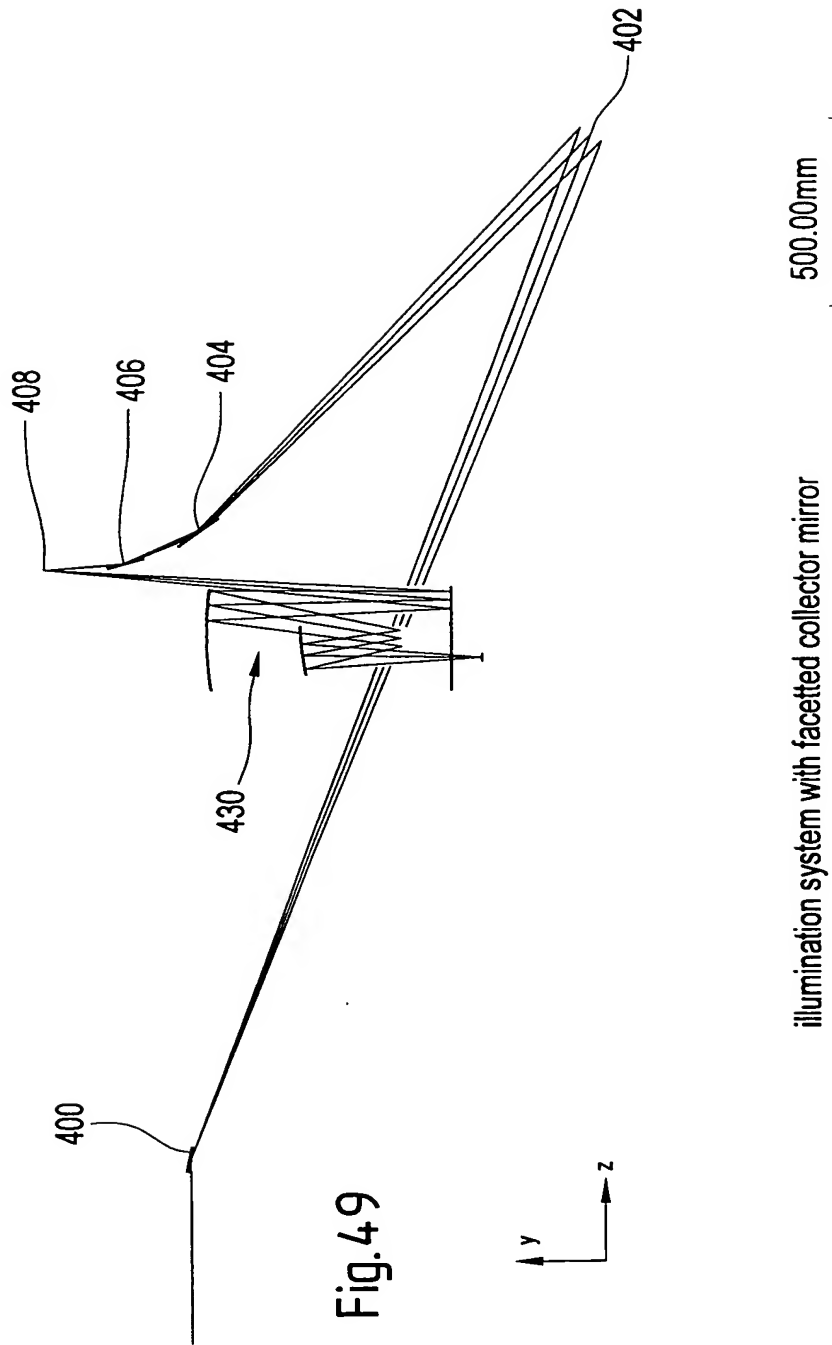


Fig. 48

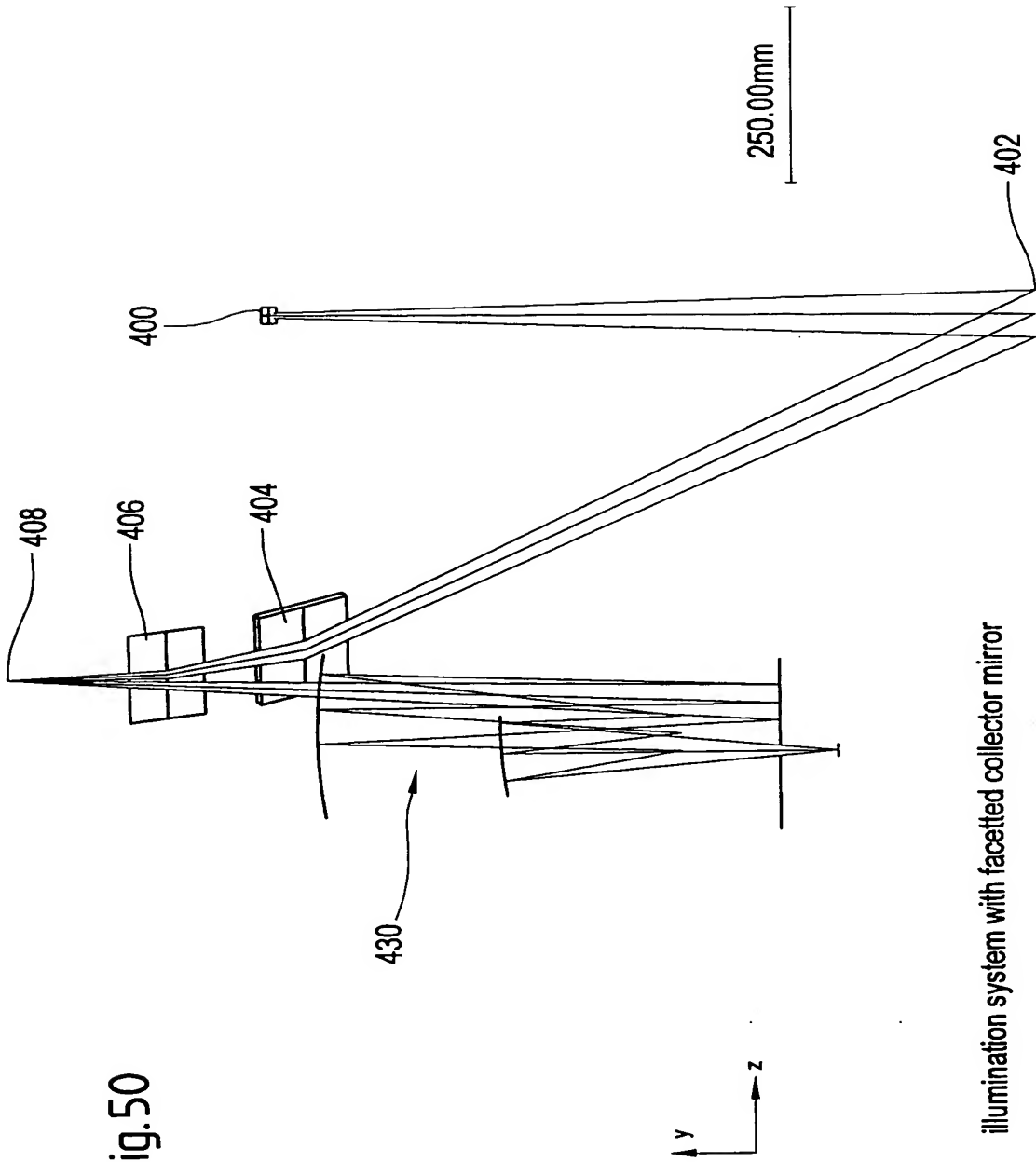
illumination system with faceted collector mirror

20040909 02406007

2044060-02406001



2044360 0/406002



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Fig.51

illumination of the reticle with faceted collector mirror

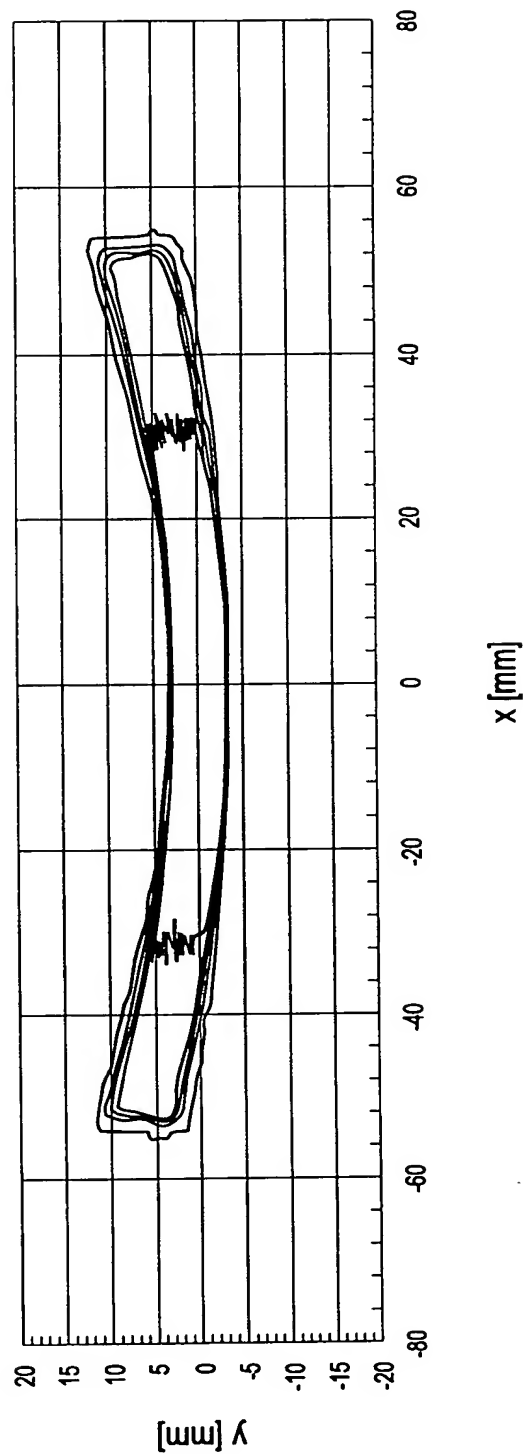


Fig.52

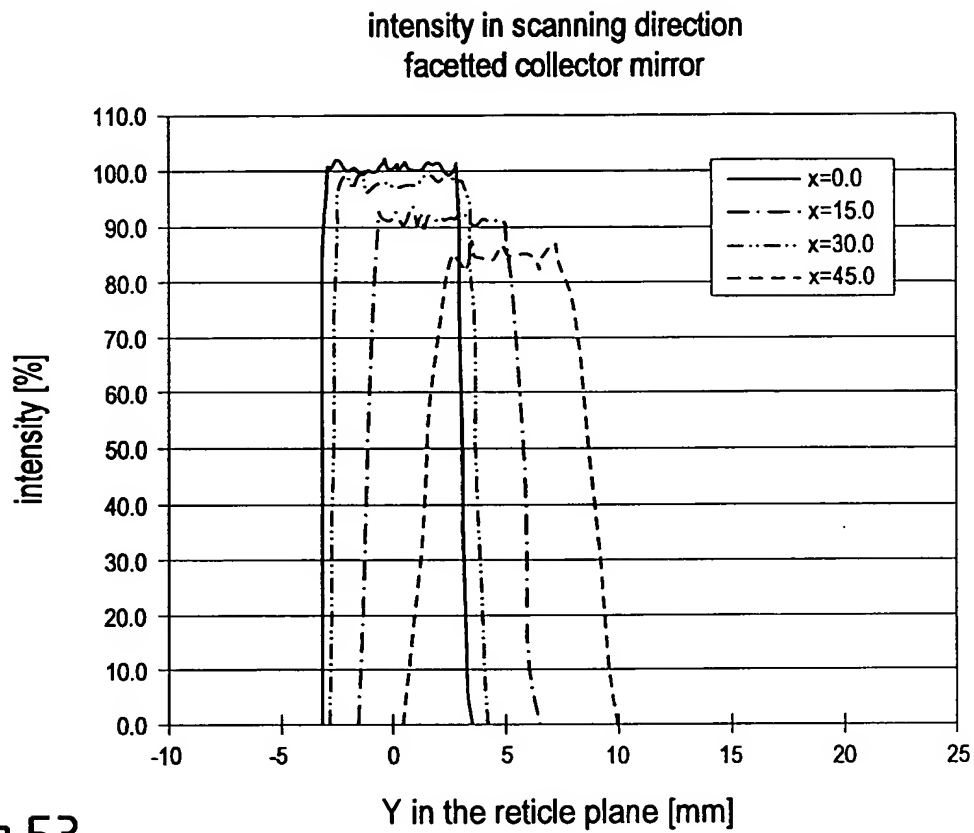
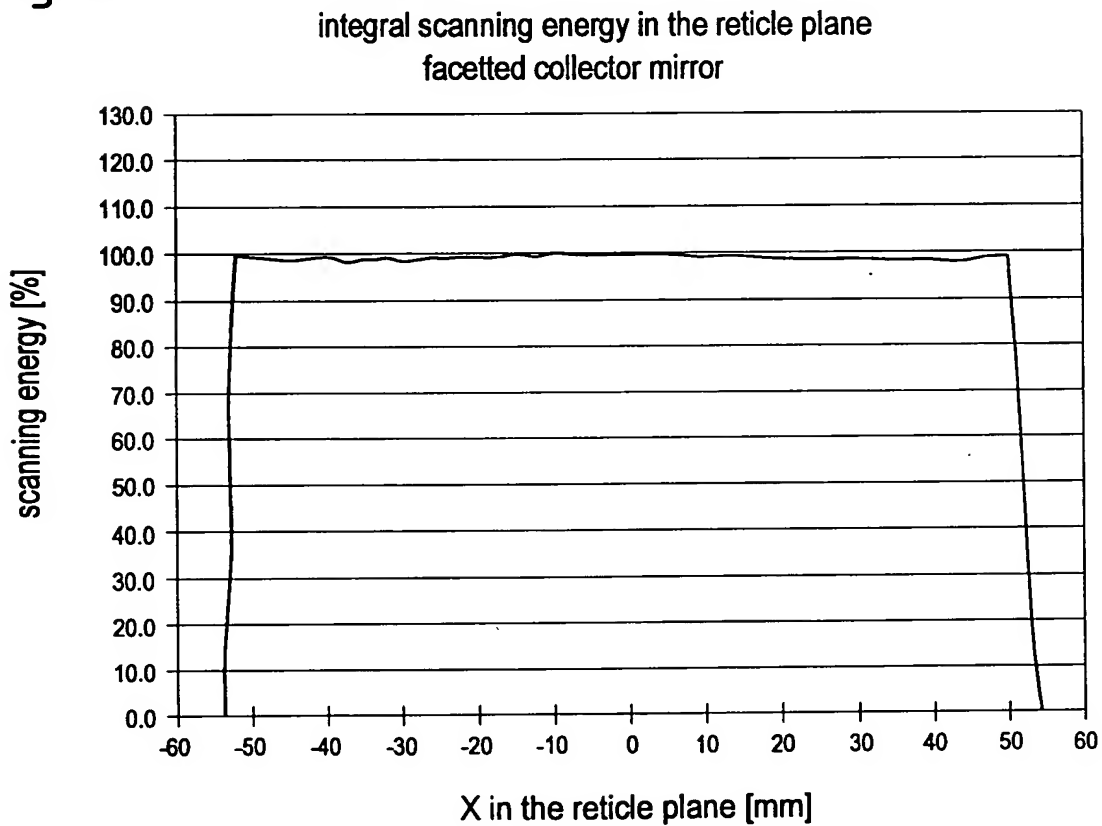


Fig.53



10050370 030403
204050 07405001

Fig.54

facetted collector mirror : pupil illumination

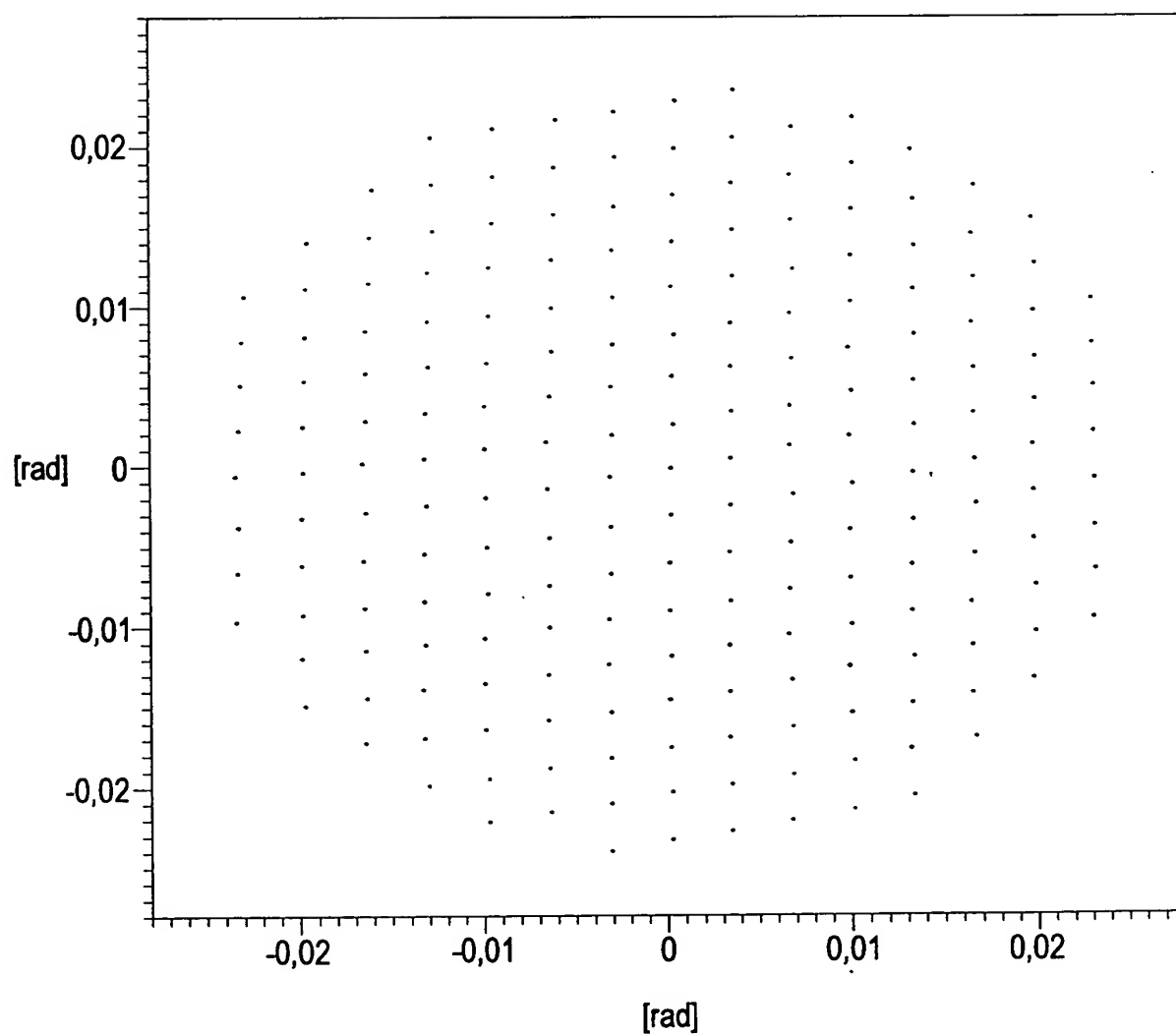


Fig. 55a

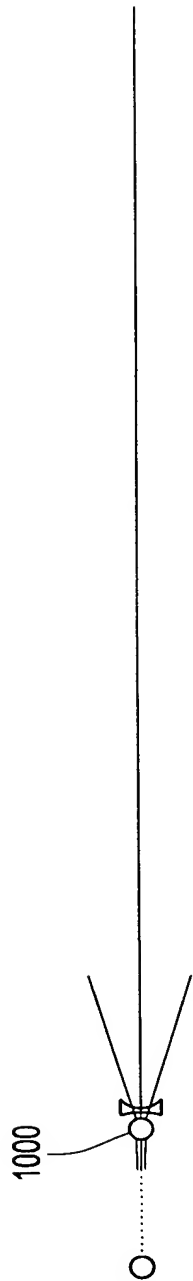
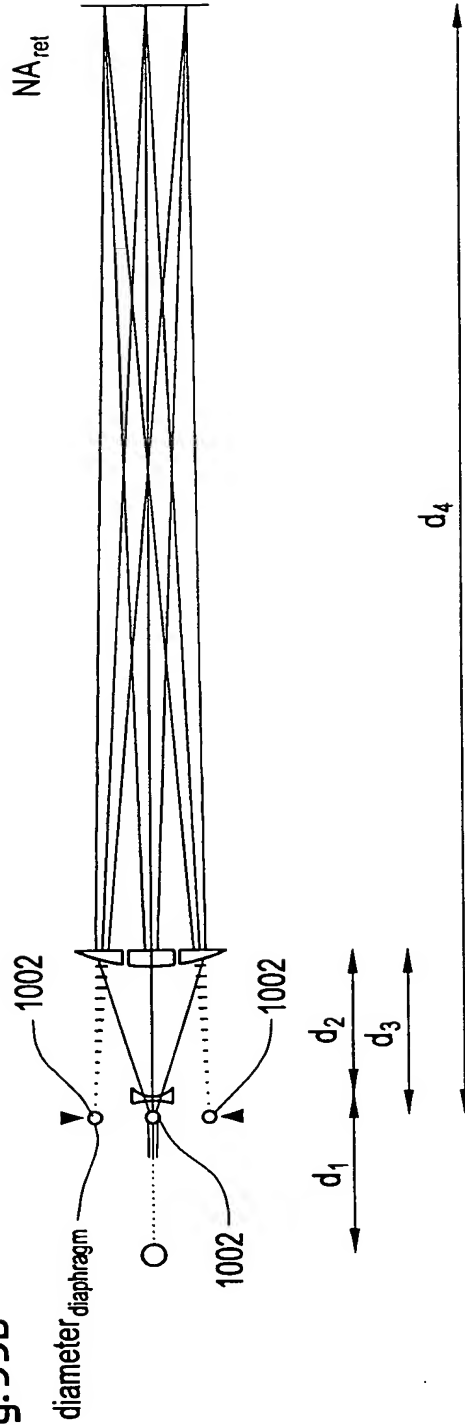


Fig. 55b



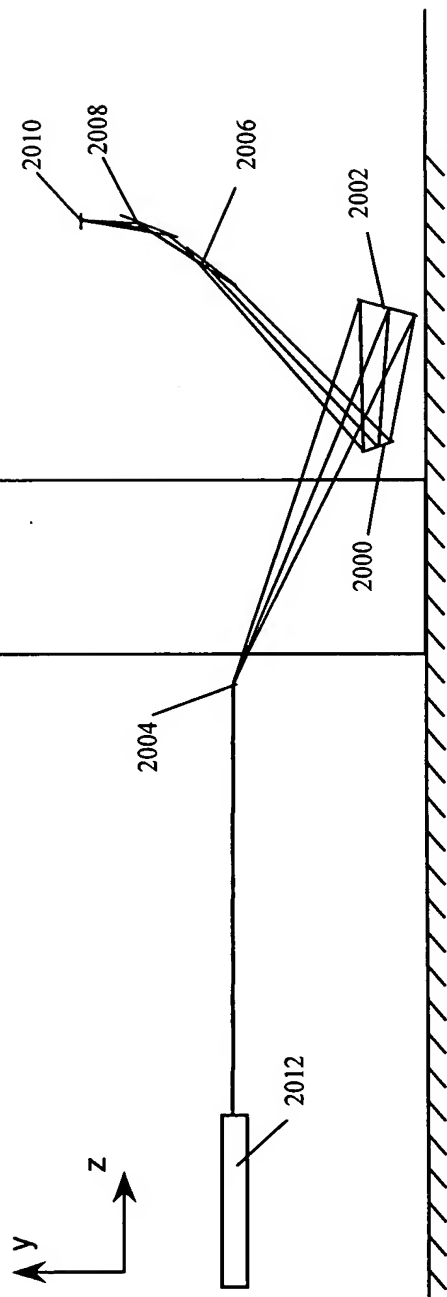


FIG. 56

2040000 0400000

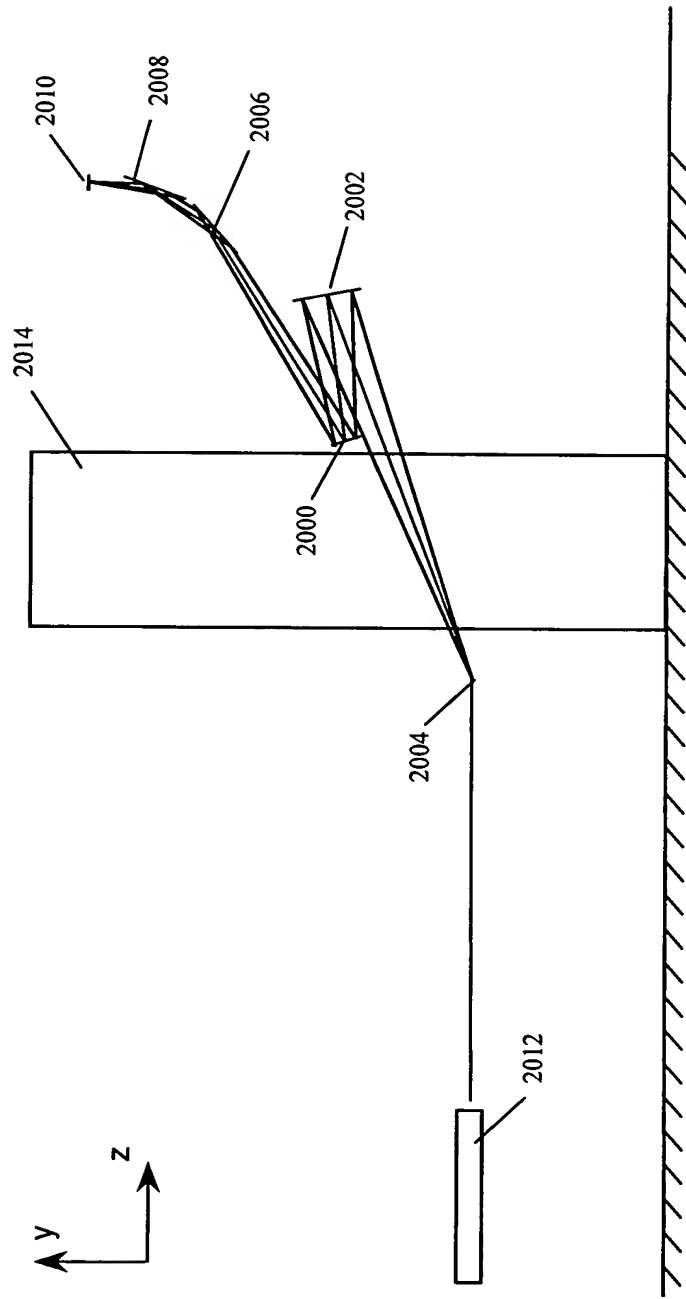


FIG. 57

2040000 02400000

204020" 0240600T

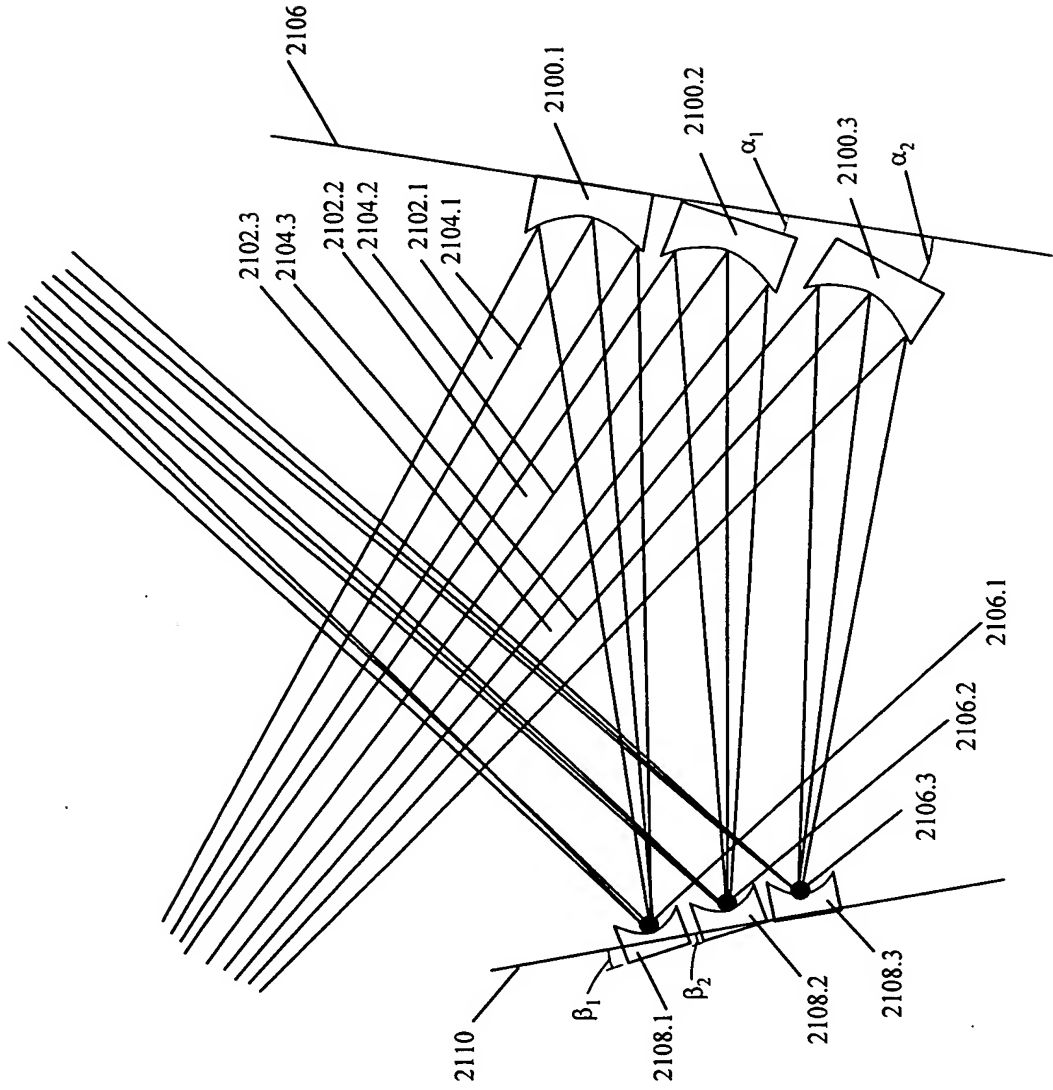


FIG. 58